

20040130.qrp v03_n181.qrl.20040130

Date: Fri, 30 Jan 2004 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3181

QRP-L Digest 3181

Topics covered in this issue include:

- 1) [166570] RE: PIC-EL
by Richard Mulvey <rich@mulveyfamily.com>
- 2) [166571] Re: PIC-EL Board
by Michael Neverdosky <mikenever@earthlink.net>
- 3) [166572] Re: Manhattan Style Question
by Steve Smith <sigcom@juno.com>
- 4) [166573] PIC-EL Board (more data)
by "Jim Sheldon" <w0eb@cox.net>
- 5) [166574] Re: PIC-EL
by "steve" <swells244@bellsouth.net>
- 6) [166575] Re: PIC-EL Board
by "Craig Johnson" <cbjohns@cbjohns.com>
- 7) [166576] Re: Manhattan Style Question
by "Craig Johnson" <cbjohns@cbjohns.com>
- 8) [166577] Re: PIC-EL Board (more data)
by <n2go@arrl.net>
- 9) [166578] Re: Manhattan Style Question
by Ed Tanton <n4xy@earthlink.net>
- 10) [166579] Re: PIC-EL Board (more data)
by "Craig Johnson" <cbjohns@cbjohns.com>
- 11) [166580] Red Hot 40 VS Norcal 40A
by Richard Lim <richlim11@yahoo.com>
- 12) [166581] Here Little Piggies
by "Jerry Ford" <benlightnd13@mchsi.com>
- 13) [166582] RE: Manhattan Style Question
by "AI2Q" <ai2q@adelphia.net>
- 14) [166583] PIC-EL online manual & software
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 15) [166584] Four Days In May and Hamvention
by Hank Kohl K8DD <k8dd@arrl.net>
- 16) [166585] ARRL Handbook
by "John Farnsworth" <johnfarns@bellsouth.net>
- 17) [166586] Re: Red Hot 40 VS Norcal 40A
by Bob Nielsen <nielsen@oz.net>
- 18) [166587] Repair Service Needed
by "Paul J Mackanos, Jr." <paul@prohomeinspector.net>
- 19) [166588] wire length ironed out...

- by Michael Babineau <michael.babineau@sympatico.ca>
- 20) [166589] Concerning This Latest Virus
by "Chris Trask" <chistrask@earthlink.net>
- 21) [166590] Re: Manhattan Style Question
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 22) [166591] FDIM 2004 - Call for Presenters
by "Tom Dooley" <tjdooley@comcast.net>
- 23) [166592] Re: wire length ironed out...
by "PHILIP DECAIRE" <pedecaire@email.msn.com>
- 24) [166593] Fox: K0UU preliminary log, Hunt 27
by Jeff Strandberg <wv3b@us.net>
- 25) [166594] Re: PIC-EL
by "Brian Riley (maillist)" <n1bq_list@wulfdn.org>
- 26) [166595] Re: Repair Service Needed
by kd5kxf <kd5kxf@classicnet.net>
- 27) [166596] Re: PC power supplies (was: Noise on 40 meters)
by Tim Groat <tcgroat@earthlink.net>
- 28) [166597] Feb CW Sprint
by George Fremin III <geoiii@kkn.net>
- 29) [166598] Re: Concerning This Latest Virus
by "Marshall Emm" <mgemm@mtechnologies.com>
- 30) [166599] Re: PIC-EL Board (more data)
by "Craig Johnson" <cbjohns@cbjohns.com>
- 31) [166600] Re: PIC-EL
by "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
- 32) [166601] PIC-EL
by "Merton Nellis" <mertnellis@msn.com>
- 33) [166602] PIC-EL online manual & software
by "richqrp" <richqrp@cox.net>
- 34) [166603] Re: wire length ironed out...
by Frank Brickle <brickle@pobox.com>
- 35) [166604] Beacons *5* on 80 -- IN, TX, AZ, CA & HI
by Chuck Carpenter <w5usj@9plus.net>
- 36) [166605] Re: PIC-EL online manual & software
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 37) [166606] Re: PIC-EL Board (more data)
by "John J. McDonough" <wb8rcr@arrl.net>
- 38) [166607] Re: PIC-EL
by "Paul Cavanaugh" <paulcavanaugh@cox.net>
- 39) [166608] Re QRP ARCI web site
by Joseph Mikuckis <k3chp@rcn.com>
- 40) [166609] Re: Concerning This Latest Virus
by <ah7i@atl.org>
- 41) [166610] Re: Re QRP ARCI web site
by Bob KB2FEL <kb2fel@yahoo.com>
- 42) [166611] Re: PIC-EL
by Lee Mairs <lmairs@direcway.com>
- 43) [166612] Elmer 160 Lesson 10 >FPP Setup<

by John R Kirby <n3aaz-qrp@juno.com>

44) [166613] 5 Beacons on 80 (AZ)
by "Bill Walker" <wv7g@arrl.net>

45) [166614] Stinger Singer Frequency Counters
by "Bob Hightower" <rhightower@cox.net>

46) [166615] RE: 5 Beacons on 80 (AZ)
by "Jeff Imel" <jeffimel@hotmail.com>

47) [166616] ARCI Web Pages
by "Dick" <dick@pascoes.plus.com>

48) [166617] Feb ssb NA Sprint
by w2bvh <w2bvh@comcast.net>

49) [166618] ScQRPions Paddle Info, new email address
by "Bob Hightower" <rhightower@cox.net>

50) [166619] RE: [qrp-l] low loss cable option
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>

51) [166620] Re: Repair Service Needed
by "Lew Paceley" <lew@paceley.com>

52) [166621] Interesting item on eBay web site item# 3069098211: ALINCO DX-70 TH
HF + 6 Meter Transceiver
by gdrag@proedge.com

53) [166622] WTD: Schematic WELZ SP-225
by Steve Smith <sigcom@juno.com>

54) [166623] Re: Repair Service Needed
by Lee Mairs <lmairs@direcway.com>

55) [166624] PIC-EL -- Assembly comments
by "Brian Riley (maillist)" <n1bq_list@wulfden.org>

56) [166625] Pic el It's Alive!
by <n2go@arrl.net>

57) [166626] RE: ARRL Handbook
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

58) [166627] Re: Elmer 160 Lesson 10 >FPP Setup<
by "John J. McDonough" <wb8rcr@arrl.net>

59) [166628] Regens Live Forever
by "Bill Jones" <kd7s@psnw.com>

60) [166629] AmQRP DC RX to be shown at NorCal Meeting Sunday
by "Doug Hendricks" <ki6ds@dpol.net>

61) [166630] Re: Beacons *5* on 80 (CA)
by "Trevor Jacobs" <kg6cyn@softhome.net>

62) [166631] Re: Interesting item on eBay web site item# 3069098211: ALINCO DX-70
TH HF + 6 Meter Transceiver
by Dennis Doran <wb8wtu@yahoo.com>

63) [166632] Re: Regens Live Forever
by "Pastor-kc1di" <elbc2@gwi.net>

64) [166633] Re: ScQRPions Paddle Info, new email address
by w8kc@comcast.net

65) [166634] Re: ARCI Web Pages
by John Sielke <jsielke@pobox.com>

66) [166635] Re: Regens Live Forever

by Brian <brian@iquest.net>

67) [166636] 2 in one day!
by "Donald Jacob" <djacob1@socal.rr.com>

68) [166637] RE: Interesting item on eBay web site item# 3069098211: ALINCO DX-70
TH HF + 6 Meter Transceiver
by "JBCrafts" <jbcraft@adelphia.net>

69) [166638] AmQRP "Elsie the Atlanticon Kit" to be unveiled at NJQRP Meeting
tomorrow
by "George Heron N2APB" <n2apb@clearviewcatv.net>

70) [166639] Re: ScQRPions Paddle Info, new email address
by Jerry Haigwood <w5jh@swlink.net>

71) [166640] Re: Pic el It's Alive!
by "richqrp" <richqrp@cox.net>

72) [166641] Learning the code
by Karl Larsen <k5di@zianet.com>

73) [166642] Fw: Repair Service Needed
by "William D. Rugg, Jr." <Bill.Rugg@comcast.net>

74) [166643] [Elmer 160] PIC EL Dimensions
by "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>

75) [166644] AZ ScQRPion Paddle Design Change
by Jerry Haigwood <w5jh@swlink.net>

76) [166645] Re: Learning the code
by "Tim, N9PUZ" <n9puz@arrl.net>

77) [166646] Re: [Elmer 160] PIC EL Dimensions
by "John J. McDonough" <wb8rcr@arrl.net>

78) [166647] Re: Repair Service Needed
by "Roy" <marion@montana.com>

79) [166648] Re: [Elmer 160] PIC EL Dimensions
by "Craig Johnson" <cbjohns@cbjohns.com>

80) [166649] Wanted: Knobs for RS DSP
by Darrell Bellerive <ve7cla@shaw.ca>

81) [166650] RE: Learning the code
by Mark Schoonover <schoon@amgt.com>

82) [166651] Re: Learning the code
by Karl Larsen <k5di@zianet.com>

83) [166652] RE: Learning the code
by "Augie Hansen" <augie.hansen@comcast.net>

84) [166653] Re: [Elmer 160] PIC EL Dimensions
by "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>

85) [166654] FS
by "john gabbard" <johngabbard@usintouch.com>

86) [166655] Re: [Elmer 160] FPP Help.....
by "richqrp" <richqrp@cox.net>

87) [166656] Re: Fw: Repair Service Needed
by rocket scientist <rock_sci@yahoo.com>

88) [166657] Re: Wanted: Knobs for RS DSP
by "carl seyersdahl" <carlseye@tampabay.rr.com>

89) [166658] Re: [Elmer 160] PIC EL Dimensions

by "George Heron N2APB" <n2apb@clearviewcatv.net>
90) [166659] Travel Antenna for Hand Held Receivers
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
91) [166660] RE: PIC-EL Board - ZIF
by "Joe Mann" <joemann@chicagonet.net>
92) [166661] PIC-EL -- More Assembly comments
by "Brian Riley (maillist)" <n1bq_list@wulfdan.org>

Date: Thu, 29 Jan 2004 17:46:54 -0500
From: Richard Mulvey <rich@mulveyfamily.com>
To: kf4yyd@adelphia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166570] RE: PIC-EL
Message-ID: <1075416414.22222.0.camel@shuttle>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Thu, 2004-01-29 at 16:57, Tom wrote:

> I'm still waiting on mine to show up here in Fredericksburg, Va
> arrrrrrrgggghhhhh
>

I'm in Upstate NY, and still waiting. I hope the postman didn't steal it. ;-)

Date: Thu, 29 Jan 2004 17:49:18 -0500
From: Michael Neverdosky <mikenever@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [166571] Re: PIC-EL Board
Message-ID: <40198DEE.DD3E44BB@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"John J. McDonough" wrote:

> One suggestion for you PIC-EL builders (and I should have told George this
> before he got so far along on the manual). It is helpful if you delay
> mounting the RS-232 connector until you get halfway through Lesson 10. The
> reason for this is that in the beginning of Lesson 10, you want to hang your

> voltmeter on the RS-232 pins. These things are a bear to grab, but if you
> plug the connector in, it's no problem. Once you have the connector
> soldered into the PIC-EL, you can no longer reach the pins with your probe.
> If you have a spare RS-232 connector laying around then you can use that
> just as well.

Hmmm, a use for my RS-232 breakout box.
:-))

I just put my order in for the PIC-EL so I guess I will be in the next
shipment.

michael N6CHV

Date: Thu, 29 Jan 2004 15:04:12 -0800
From: Steve Smith <sigcom@juno.com>
To: jokortge@prodigy.net
Cc: qrp-1@Lehigh.EDU
Subject: [166572] Re: Manhattan Style Question
Message-ID: <20040129.150412.-16284041.1.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here you go Jim (and group) and it's even available to non-ARRL members
;-) :

arrrl.org/tis/info/pdf/93hb3037.pdf

And Jim, could you give us some guidance on how to eliminat that pesky
air-variable in the VFO by using varicaps? TNX

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

--I know you believe you understand what you think I said
but I am not sure you realize that what you heard is not what I meant.--

<http://www.arrrl.org/tis/info/pdf/93hb3037.pdf>
On Thu, 29 Jan 2004 17:19:51 -0500 "Jim Kortge, K8IQY"
<jokortge@prodigy.net> writes:
> At 01:27 PM 1/29/2004 -0500, Tom, K4THL wrote:
>
> >I've been reading the W7EL article "Optimized QRP Transceiver for 7
> MHz"

> >for years.
>
> Source for the article? I'm interested too.
>
> > I think I am now ready to give it a try. Point to point
> construction
> > would be a bit ambitious for me so I am considering Manhattan
> > style. Manhattan style construction would make troubleshooting
> and
> > modification much easier too.
>
> In my opinion, you are quite correct. That method would be my
> first
> choice also.
>
>
> >I'd like to know if construction on both sides of double sided
> board is
> >practical. Can I use this approach to any advantage, i.e.
> isolating
> >certain sections from others (VFO for example)?
>
> Construction on both side works very well. When I built the Iowa
> QRP-10,
> the receiver and VFO were on opposite sides of a 2 X 4 inch piece
> of
> PC board material. It made routing the VFO signal to the receiver
> very
> easy, and isolated (shielded) the VFO from the receive components.
> There
> were pictures of that build on the NorCal website at one time, but I
> don't
> know if those pictures are still there.
>
> GL with the project Tom. Keep us posted on your progress.
>
> 72,
>
> Jim, K8IQY
>
>
>

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Date: Thu, 29 Jan 2004 17:35:35 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>,
"Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
Subject: [166573] PIC-EL Board (more data)
Message-ID: <IBEGLCMLCDHHEFLBPHBOGEMPDAAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"Pickle" board verified in all functions except DDS Daughtercard.
Since the "Test Suite" source code, includes and the final assembled "hex"
code was available for download on the AMQRP website, and I had a couple of
blank 16F84A PICs, I cranked up the FPP programming software and stuffed the
test program into a blank 16F84A. BINGO! it works like a champ.

Now, I need the hex code for that "signgen3a" DDS Daughtercard driver
program that was promised with the PIC-EL so it could be used immediately.
Anyone know where it's at?

Jim, W0EB

Date: Thu, 29 Jan 2004 19:25:53 -0500
From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166574] Re: PIC-EL
Message-ID: <00cb01c3e6c7\$9f0e9800\$220110ac@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

no show in Louisville

----- Original Message -----

From: "Richard Mulvey" <rich@mulveyfamily.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 29, 2004 5:46 PM
Subject: RE: PIC-EL

> On Thu, 2004-01-29 at 16:57, Tom wrote:

> > I'm still waiting on mine to show up here in Fredericksburg, Va

> > arrrrrrrrggggghhhhh
> >
>
> I'm in Upstate NY, and still waiting. I hope the postman didn't steal
> it. ;-)
>
>
>

Date: Thu, 29 Jan 2004 18:26:01 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-l@lehigh.edu>
Subject: [166575] Re: PIC-EL Board
Message-ID: <018d01c3e6c7\$a4314a80\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Jim,

Congratulations! I believe you have the first "production" model PIC-EL running, other than George, of course. Glad to see it went together with no problems. Now I can exhale!

-Craig, AA ZZ

Date: Thu, 29 Jan 2004 18:31:40 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-l@lehigh.edu>
Subject: [166576] Re: Manhattan Style Question
Message-ID: <019401c3e6c8\$6e550860\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom and Jim,

>>I've been reading the W7EL article "Optimized QRP Transceiver for 7 MHz"
>>for years.

>Source for the article? I'm interested too.

It's described in one edition of the ARRL's QRP Classics. (Some QRP Classics don't have it!) I have been looking at this one for a long time, and will be building one too.
It's a real classic!

By the way, Tom, I don't think a SA602 would work nearly as well as Roy's ring mixer.
He really has it tuned for optimal performance.

-Craig, AA0ZZ

Date: Thu, 29 Jan 2004 19:37:45 -0500 (EST)
From: <n2go@arrl.net>
To: Jim Sheldon <w0eb@cox.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166577] Re: PIC-EL Board (more data)
Message-ID: <Pine.LNX.4.33.0401291937100.24242-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

<http://www.njqrp.org/ham-pic/projects.htm>

for siggen

73,

Jim n2go

Date: Thu, 29 Jan 2004 19:39:40 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: thomas_h_lewis@msn.com, QRP-L <qrp-l@lehigh.edu>
Subject: [166578] Re: Manhattan Style Question
Message-ID: <6.0.1.1.2.20040129192632.01d81dc8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

There's nothing wrong with double-sided construction Tom... if you want to. However, simply putting pc-board or copper shield-walls would provide plenty of isolation. Add a lid for the ultimate... but unless you're bringing every non-signal lead through the walls with a feed-through cap, and using shielded cable for every signal lead (which you should anyway)

the lid probably doesn't matter.

The only reason NOT to use the bottom would be simple board-spacing within whatever cabinet you use. And, come to think of it, troubleshooting it AFTER it's in the cabinet-such as a component failure would be a problem. But not a large problem, since I'd probably take most things out of the cabinet (whenever possible) anyway.

The NE602 is a relatively modern device... and I'm pretty sure it wasn't available in 1980. Can't say when it showed up, but I'm sure somebody will remember.

I don't think that's a bad price considering the built-in vernier. You might also check Dan's <<http://www.danssmallpartsandkits.net/>> for a comparison. I KNOW he has some for sale. Also, take a look at the surplus double-sided very thin pc board material sold by The Electronic Goldmine <<http://www.goldmine-elec.com/>>. It's great for those partitions since it can be cut by a pair of permanently stolen scissors (or... don't let your wife catch you).

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Thu, 29 Jan 2004 18:39:59 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-1@lehigh.edu>
Subject: [166579] Re: PIC-EL Board (more data)
Message-ID: <019e01c3e6c9\$97ac1cc0\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim,

>Now, I need the hex code for that "signgen3a" DDS Daughtercard driver
>program that was promised with the PIC-EL so it could be used immediately.
>Anyone know where it's at?

Yes, I know where it - I have it. The original SIGGEN3A code does not
work on the PIC-EL, since I had to move some LCD connections to the PIC
to eliminate interaction. I call the new version PICElgen.

I will get it to George so he can post it ASAP.
(I will have the source code there too.)

-Craig, AA0ZZ

Date: Thu, 29 Jan 2004 18:40:20 -0600
From: Richard Lim <richlim11@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166580] Red Hot 40 VS Norcal 40A
Message-ID: <E2258C43-52BC-11D8-946B-000A95B92C0E@yahoo.com>
Mime-Version: 1.0 (Apple Message framework v609)
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=US-ASCII; format=flowed

Does anyone know the difference between the Red Hot 40 and Norcal 40a
(Wilderness Radio)? My understanding is that the Red Hot was the
commercial version of the original Norcal 40 and the Wilderness Radio
Norcal 40a the successor to the Red Hot. Is that correct?

Thanks

Rich

72/73 DE KQ9L K1 #1669, K2 #3232
KX1 #21, FIST 10193, FP 548,
QRP ARCI 11129

Date: Thu, 29 Jan 2004 18:43:39 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [166581] Here Little Piggies
Message-ID: <000701c3e6ca\$1a8f7f60\$7238d90c@mchsi.com>

Well: We have the usual QRM on 7044 right now but I'm hanging
in here to see what happens.

Any piggies on tonight ?????? I'm looking for a few
states (only 33) LOL

Anybody around in NH, RI, NY, NJ, MN, WI, NE, ND, SD, or
NC, SC, GA, KY,
MS, NM, AZ, UT, ID, WY, MT, OR, NV, CA,

That should do for staters: LOL

Hows bout those Canadian territories??????

Stop by and say howdy:

72 es oo Jerry N0JRN

FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Thu, 29 Jan 2004 19:49:16 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: <thomas_h_lewis@msn.com>,
"''Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [166582] RE: Manhattan Style Question
Message-ID: <000d01c3e6ca\$e4063460\$6401a8c0@agstme.adelphia.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Why not? I use Manhattan extensively Tom, and often wind up "gluing" an extra circuit or two into nooks and crannies of my projects. Manhattan always comes to the rescue for me, and using two sides should work FB. I would, however, tack the two sides together at numerous points along the edges, and perhaps at some holes in the middle of the boards as well. Of course, if you're seeking isolation from one side to the other, you may elect not to do that. Also, feel free to use board stock as shielding elements. I've done that with great success. See the results on my Web pages.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Thomas Lewis
Sent: Thursday, January 29, 2004 1:28 PM
To: Low Power Amateur Radio Discussion
Subject: Manhattan Style Question

I've been reading the W7EL article "Optimized QRP Transceiver for 7 MHz" for years. I think I am now ready to give it a try. Point to point construction would be a bit ambitious for me so I am considering Manhattan style. Manhattan style construction would make troubleshooting and modification much easier too.

I'd like to know if construction on both sides of double sided board is practical. Can I use this approach to any advantage, i.e. isolating certain sections from others (VFO for example)?

I have a fairly good understanding (or at least recognize) most of the circuit. But I'm afraid I don't quite understand the mixer. The original design is dated 1980 and the article I'm referencing includes modifications and improvements through 1990. Was the NE 602/612 available at that time?

Finally, Ocean State Electronics has a 6-100 variable cap with 8 to 1 vernier reduction drive available for about \$16. Is that reasonable or should I shop a little more?

Thanks in advance.

Tom K4THL

Check out the coupons and bargains on MSN Offers!
<http://shopping.msn.com/softcontent/softcontent.aspx?scmId=1418>

Date: Thu, 29 Jan 2004 20:11:09 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: <qrp-1@Lehigh.EDU>, <njqrp@njqrp.org>
Cc: <w0eb@cox.net>
Subject: [166583] PIC-EL online manual & software
Message-ID: <200401292011.AA67109444@clearviewcatv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It's great to hear that the PIC-EL Kits are making their way to people, and that even some are already fully assembled and working! W0EB is a tiger when it comes to this - good going Jim!

More good news is that the online Assembly & Test manual is available now, linked from the PIC-EL web page, and directly at

www.amqrp.org/elmer160/board/manual/manual.html.

I have some more to finish up, but Pickle builders will find these colorful manual sections of immense value when building and testing the kits.

For those who make it as far and as fast as W0EB, we also have "LESSON 10" posted now for use in installing the FPP programming software on your PC. This software, when used with the PIC-EL board, will allow you to program new software into the onboard PIC.

And to answer Jim's question, we've posted the "VFO Software" on the project pages. This is the code that designer Craig Johnson, AA0ZZ initially created in the form of "siggen3a" and recently modified it for use on the PIC-EL board. Using this software you will be able to have the PIC-EL board perform as a multi-featured VFO when the NJQRP DDS Daughtercard is plugged in.

Thanks to everyone's support in the PIC-EL project. Your

encouraging comments along the way helped keep us going when the project was most burdensome, and now that it's finished and working really well we feel that everyone will be able to use it effectively in the Elmer 160 course and have fun along the way.

The bad news right now is that we've sold all 500 of the available kits and we are not going to do another run until this springtime. So if you haven't already ordered a PIC-EL board, you'll have to wait a couple months for us to catch our breath and work up another kit run. (The next one will be pretty big, as the project article will (hopefully) be accepted by the QST editorial staff for publication later this year :-)

73 from the AmQRP PIC-EL Development Team!

~ George N2APB
~ Craig AA0ZZ
~ John WB8RCR
~ Joe N2CX
~ Tom W8K0X and Nancy NJ8B

Date: Thu, 29 Jan 2004 20:24:14 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166584] Four Days In May and Hamvention
Message-ID: <6.0.1.1.2.20040129200425.03f11618@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

May 13 is the 2004 FDI, followed by the Hamvention May 14, 15, 16.
We are again at the Ramada Inn Dayton Mall.
The prices are the same as last year - \$74/night + taxes.

There will be a lot happening at the Ramada - see
<http://www.qrparci.org/fdim64.html> for details as things progress.

Most everyone who has had a room the past two years has been sent an email - a lot of them bounced!

For rooms, go to <http://www.qsl.net/k8dd/rooms/ramada1.htm> - I believe all the information is there.

And, there is a new email address for room information this year

QRPRooms@netzero.net

73 Hank K8DD

Date: Thu, 29 Jan 2004 20:48:16 -0500
From: "John Farnsworth" <johnfarns@bellsouth.net>
To: "qrp-1@Lehigh. EDU" <qrp-1@Lehigh.EDU>
Subject: [166585] ARRL Handbook
Message-ID: <DIEHLGHLBGPNJENLGEBKGEEBCCAA.johnfarns@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug Faunt N6TQS wrote:

"The values are in a table in the back of the ARRL Handbook, although you may not find them listed in the index (grump, grump)."

Nice to hear someone else thinks this too. I love the handbook, have 9 of 'em starting in 1966, but man, is the index bad or what?

I'd also complain about the organization, which seems to me to be counterintuitive, but if I did, I would have to offer a suggestion on how to improve it, and that sounds like work . . .

Flame shields in place . . .

Date: Thu, 29 Jan 2004 17:50:21 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [166586] Re: Red Hot 40 VS Norcal 40A
Message-ID: <20040130015021.GA5196@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Jan 29, 2004 at 06:40:20PM -0600, Richard Lim wrote:
> Does anyone know the difference between the Red Hot 40 and Norcal 40a
> (Wilderness Radio)? My understanding is that the Red Hot was the

> commercial version of the original Norcal 40 and the Wilderness Radio
> Norcal 40a the successor to the Red Hot. Is that correct?

You are confusing it with the Norcal 20 and the Red Hot version of the same radio. The Norcal 40 is completely different. The Red Hot 40 is a 40 meter version of the Red Hot (or Norcal) 20.

72,
Bob, N7XY

Date: Thu, 29 Jan 2004 21:12:56 -0500
From: "Paul J Mackanos, Jr." <paul@prohomeinspector.net>
To: <qrp-1@Lehigh.EDU>
Cc: <k2zn@rochester.rr.com>
Subject: [166587] Repair Service Needed
Message-ID: <PNEKINNJBIMILABIMJBGAEEJOCKAA.paul@prohomeinspector.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am in need of a repair service for my Kenwood TS440SAT. I know this is not a QRP rig, but it has been used very extensively on QRP. Anyway, the phase locked loop is unlocked, at least thats what they tell me. The display shows only dots across the face, like this Anyone have a referral for getting it fixed ?
72 de Paul K2DB

Date: Thu, 29 Jan 2004 21:37:00 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: sergio@village-buzz.com
Cc: qrp-1@Lehigh.EDU
Subject: [166588] wire length ironed out...
Message-ID: <2DF6C7AE-52CD-11D8-9ADE-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v553)
Content-Transfer-Encoding: 7bit

Sergio :

There is a great article in an RSGB publication called "the Antenna file"
that will probably interest you.

The article is called "Taming the end-fed Antenna" by Alan Chester G3CCB (SK).

What the author does is to look at wire lengths from 0m through 30m as a function of whether or not that length will provide a hard-to-match impedance on each of the ham bands when end-fed.

The authors goal was to find a "magic length" as long as possible, that could be easily loaded with a tuner, which I believe is what you are also trying to do

The authors suggestion is 26.5 meters which should give you coverage on all HF bands except 10 meters. This works out to about 86.9 feet.

Hopefully this will save you some trial and error.

Michael VE3WMB

Date: Thu, 29 Jan 2004 20:18:28 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166589] Concerning This Latest Virus
Message-ID: <006e01c3e6df\$bbe74fe0\$66044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Microsoft is offering a \$250,000 reward for the caprute of the MyDoom.B virus culprit:

<http://www.cbsnews.com/stories/2004/01/27/tech/main596296.shtml>

I guess Bill Gates will have to forgo lunch for one day to pay for it.

Chris

-----	High Performance Mixers and
/ What's all this \	Amplifiers for RF Communications
/ extinct stuff, anyhow? /	
\ -----'	Chris Trask / N7ZWY

Email: christrask@earthlink.net
<http://www.home.earthlink.net/~christrask>

Graphics by Loek Frederiks

Date: Thu, 29 Jan 2004 22:25:14 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: Steve Smith <sigcom@juno.com>
Cc: qrp-l@lehigh.edu
Subject: [166590] Re: Manhattan Style Question
Message-ID: <5.2.0.9.1.20040129221535.01bb3520@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:04 PM 1/29/2004 -0800, you wrote:

```
>Here you go Jim (and group) and it's even available to non-ARRL members
>;-) :
>
>arrrl.org/tis/info/pdf/93hb3037.pdf
>
>And Jim, could you give us some guidance on how to eliminat that pesky
>air-variable in the VFO by using varicaps?  TNX
```

Well maybe. I don't any experience with DC receivers, I don't think a change in the VFO tuning with a varicap ought to upset anything. I'd use a MV1662 (275 pF varicap) to do the tuning, using the biasing circuitry of the 2N2/40. The anode end of the varicap would go to ground, and the cathode to a 120 pF capacitor (NPO) which would then connect to the node with the 510 pF, 220 pF, 30 pF, 12 pF, and 1.5-5 pF trimmer. The cathode of the varicap would be fed the bias voltage from the tuning pot via a 47-100 K resistor off of the center. That arrangement ought to be very close to the range of the tuning capacitor, 6-82 pF shown on the schematic.

The above is an "off the top of the head calculation" approach and not verified with modeling etc. Not my usual way of doing things, but I think it is close enough to work fine.

72 and GL to all of the "Optimized" builders. After the 2N2/20 is done, I'm gonna build one too, just so I can say I've built a DC receiver.

Jim, K8IQY

Date: Thu, 29 Jan 2004 22:40:51 -0500
From: "Tom Dooley" <tjdooley@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166591] FDIM 2004 - Call for Presenters
Message-ID: <13b801c3e6e2\$db52f430\$6500a8c0@tdooleyoffice>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Call for FDIM 2004 Presenters!

Planning is underway for the Four Days in May (FDIM) Symposium in conjunction with the 2004 Dayton Hamvention. FDIM 2004 is brought to you by QRP-ARCI. This will be our ninth year for this "not to be missed" event. FDIM 2004 will start on Thursday, May 13, 2004. On that day, QRPers will gather in Dayton to hear from some of the best minds in QRP. The symposium is an 8-hour event, which covers the gamut of QRP.

Please consider sharing your talent and experience by giving a presentation and documenting it for the FDIM 2004 Proceedings. Topics are wide open and may include design; construction projects and techniques; antennas and feedlines; operating techniques or experiences. Be creative and define your own topic! All that is required is that you present your topic at the Thursday Symposium and document it for publishing in the FDIM 2004 Proceedings.

Time slots are limited, so please submit your idea soon. If interested, please send a short description (one paragraph) of the proposed talk to me prior to February 15, 2004. If you know of someone who might be interested in submitting an idea, please forward this call to them. The QRP Quarterly has a deadline for the Call for Presenters of January 31, 2004. This deadline has been extended to February 15, 2004.

It's just over 100 days until FDIM 2004. I can't wait, can you? Please stand by for additional postings regarding the QRP Event of the year!

72 es 73,

Tom Dooley, K4TJD
FDIM Chairman
4942 Dock Court
Norcross, GA 30092
USA
K4TJD@arrl.net

Date: Thu, 29 Jan 2004 19:42:00 -0800
From: "PHILIP DECAIRE" <pedecaire@email.msn.com>
To: <qrp-1@Lehigh.EDU>
Subject: [166592] Re: wire length ironed out...
Message-ID: <003a01c3e6e3\$05a770d0\$913de73f@grape>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That 86.9 feet sounds a lot like the magic 88 foot number (or 44 feet for just the higher bands) that has been quoted many times on this site!

Congrats Sergio on having the room to string some wire. Since you can do that, you should probably leave it all up and come up with a tuner that will handle it better. If I understand, you only have problems loading it up on 80M. If it works well on the other bands as is, all the more reason to build an 80M tuner. I've had very good results myself with end fed half waves, and it should be a good performer for you.

I run a homebrew tuner - a link coupled resonant tank with a series coupling capacitor. Rig goes to the link. Resonant winding goes to the antenna, one side thru the coupling capacitor. Of course, you need two variable caps for this. My EFHWA tuner coils are wound on T94-2 toroids

with a 10:1 turns ratio (gives 100:1 impedance ratio, turning 50 ohms into 5000 ohms on the secondary). I don't operate 80M here but an 80M coil would probably have 40 turns on the resonant side and a 4 turn link.

One caveat - the above is ok assuming you're running QRP. If you're running 100 watts or more, the voltages get very high! $[V^2 = P * R, = 5 * 5000 = 158 \text{ volts RMS or } 223 \text{ volts peak at a measly } 5 \text{ watts!}]$ To do this with high power you need components rated for it!

72's, Phil WB7AEI

Date: Thu, 29 Jan 2004 23:33:20 -0600
From: Jeff Strandberg <wv3b@us.net>
To: qrp-l@lehigh.edu
Subject: [166593] Fox: K0UU preliminary log, Hunt 27
Message-ID: <1075440800.4019eca0db73d@webmail.us.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Hounds,

My pleasure to serve as one of the Foxes (K0UU) during the Mn Twins doubleheader with Pat K0PC.

Notes:

- 1) Please check to see you are in log if you worked me. DX4WIN froze mid-pileup after I attempted to modify my exchange.
- 2) Eliminated 3 dupes
- 3) Several partials became ESP level as the noise floor rose, my apologies
- 4) Email K0UU@arrl.net before noon Saturday CT with any errors/omissions.

72 de K0UU Jeff

Hunt 27 - K0UU

0201	N5ZE	559	TX	LEW	5W
0202	W5YR	559	TX	GEORGE	5W

0203	N1FN	559	CO	ET	5W
0202	AG4PJ	559	CO	PAUL	5W
0205	KN5L	559	TX	DON	5W
0205	K5DW	559	TX	DON	5W
0207	N9NE/M	559	TX	TODD	5W
0208	K0EVZ	559	NM	DOC	5W
0211	AB9CA	559	AL	DAVE	5W
0211	K5DW	559	TX	DON	5W
0212	W5USJ	559	TX	CHUCK	5W
0213	AC5JH	559	OK	TOM	5W
0214	KL7V	559	OK	SAM	5W
0216	W0ANM	559	MN	CHRIS	5W
0217	K5JHP	559	TX	BILL	5W
0218	AA50	559	LA	VERN	5W
0220	K0LOA	559	TX	DWAIN	5W
0221	KI0II	559	CO	RON	5W
0222	KK5LD	559	TX	DAN	5W
0223	W5TB	559	TX	DOC	4W
0224	K5UV	559	OK	MIKE	5W
0226	K4BYF	559	FL	JACK	5W
0228	K5DI	559	NM	KARL	5W
0232	W7ILW	559	AZ	WALT	5W
0232	KT5V	559	TX	DAVID	5W
0234	K4JPN	559	GA	STEVE	5W
0236	K5E0A	559	LA	WAYNE	5W
0237	K6VNX	559	CA	ARLEN	5W
0239	N1TP	559	FL	TOM	5W
0239	W5HNS	559	TX	HENRY	5W
0251	WA5BDU	559	AR	NICK	5W
0304	K6IA	559	CA	WARD	5W
0315	K0MAX	559	MN	MAX	5W
0326	AC7A	559	AZ	TOM	5W
0336	KD5UDB	559	LA	CHRIS	5W
0344	KC1FB	559	CT	JIM	5W
0347	W2XN	559	FL	FRED	5W
0357	NK6A	559	CA	DON	5W
0359	N7CQR	559	OR	DAN	5W
0400	K0PC	FOX	MN	PAT	5W
0400	K0UU	FOX	MN	JEFF	5W

This mail sent through IMP: <http://horde.org/imp/>

Date: Thu, 29 Jan 2004 22:52:12 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfdan.org>
To: <rich@mulveyfamily.com>,

Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [166594] Re: PIC-EL
Message-ID: <BC3F3F1C.1E3F6%n1bq_list@wulfden.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

NW Vermont, mine arrived today

On 1/29/04 5:46 PM, "Richard Mulvey" <rich@mulveyfamily.com> wrote:

> On Thu, 2004-01-29 at 16:57, Tom wrote:
>> I'm still waiting on mine to show up here in Fredericksburg, Va
>> arrrrrrrgggghhhh
>>
>
> I'm in Upstate NY, and still waiting. I hope the postman didn't steal
> it. ;-)
>
>
>
>

Date: Thu, 29 Jan 2004 22:04:52 -0600
From: kd5kxf <kd5kxf@classicnet.net>
To: paul@prohomeinspector.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166595] Re: Repair Service Needed
Message-ID: <200401292204.52622.kd5kxf@classicnet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

This is a infamous problem with these rigs... the glue in the phase locked loop coils breaks down and the cure is most tedious... removing the glue. I had one of these rigs that was worked on 4 times and in the winter humidity would still develop the "dots" syndrome. Check on QRZ.com in the mods section and you will find information on it, it is a common malady.

> I am in need of a repair service for my Kenwood TS440SAT. I know this is
> not a QRP rig, but it has been used very extensively on QRP. Anyway, the
> phase locked loop is unlocked, at least thats what they tell me. The

> display shows only dots across the face, like this Anyone have a
> referral for getting it fixed ?
> 72 de Paul K2DB

--

Mike Malone
KD5KXF
Balch Springs, Texas
FP 214

Date: Thu, 29 Jan 2004 21:08:48 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [166596] Re: PC power supplies (was: Noise on 40 meters)
Message-ID: <5.1.1.6.2.20040129190944.00a302a0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Newer PCs have a "standby" power supply that stays on even when the main power is off. This lets the computer put itself in a low power "sleep" state when it is left idle, and wake itself up when you move the mouse or type on the keyboard. This is a nice energy saving feature, but it does mean a portion of the switch-mode power supply stays on even when the system is "shut down". The same applies to monitors; if you use the power-saving features they will go to a low-power idle mode when there's no user activity.

I shut the system off at my UPS (after closing the OS, of course). That cuts power to the CPU, monitor, and various "wall wart" accessories when the computer isn't in use. It saves power, and it's good fire safety practice, too.

72,
--Tim (KR0U)

>"Dave Martin" <k2zu@seanet.com>:
>

>Hello Fred and all. I've been plagued by various noises all the way up
>through 20 meters for about 2 years now. At first I thought it was related
>to a tv, horizontal oscillator or some such thing, but finally found, much to
>my dismay, that while my computer was turned off it really wasn't turned
>off. When I disconnect the power cord the noise goes away. Something in the
>computer is alive even though the on/off switch is off. My old computer
>didn't make noise like this one does. So much for progress. Might be
>something to check. Good luck.

>Dave K2ZU

Date: Thu, 29 Jan 2004 22:34:17 -0600
From: George Fremin III <geoiiii@kkn.net>
To: qrp-1@Lehigh.EDU
Subject: [166597] Feb CW Sprint
Message-ID: <20040130043417.GA19861@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi,

The North American CW Sprint contest is this coming weekend. This contest happens twice a year in September and in February. This February the sprint is on Feb 1 UTC or Saturday night local time in north America.

The CW sprint will be Saturday night - January 31st local time.
The UTC time/date is 0000Z - 0400Z Feb 1, 2004

This contest has a QRP category - last September there were 11 QRPers that sent in logs.

N8VW
WD7Z
K5IID
NB1B
W8TM
W5KDJ
N6WG
N4BP
N0QT
KI0II
AE5P

Maybe you will get on and there will be a few more QRPers.

The results for last September are here:
<http://www.ncjweb.com/cwsprint092003.pdf>

Other results are here:
<http://www.ncjweb.com/sprintresults.php>

If you have never tried the sprint you can find more information about it at these URLs:

CW Sprinting - Beginners Guide - by W4AN
<http://www.contesting.com/articles/198>

The Sprint Survival Web Page
"The Sprint - the most fun you can have in 4 hours with your clothes on." - N6TR
<http://n6tr.jzap.com/sprint.html>

The rules are here:
<http://www.ncjweb.com/sprintrules.php>

Most contest logging software supports this contest and just recently CT by K1EA added the sprint to it's list of supported contests. CT is now free and can be found here: <http://www.k1ea.com/>

I hope you are able to get on for the CW sprint and that you make as many contacts possible.

--

George Fremin III - K5TR
geoiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Thu, 29 Jan 2004 22:46:55 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qRP-L@lehigh.edu
Subject: [166598] Re: Concerning This Latest Virus
Message-ID: <40198D5F.24893.26D5484@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Chris said-

>>I guess Bill Gates will have to forgo lunch for one day to pay for it.<<

Probably a lot cheaper than fixing the holes in Windows, Outlook, and IE that make these things possible.

73
Marshall Emm

N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Thu, 29 Jan 2004 23:49:48 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-1@lehigh.edu>
Subject: [166599] Re: PIC-EL Board (more data)
Message-ID: <01d201c3e6f4\$dfb90840\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim,

Unfortunately, my old version of the signal generator, SIGGEN3a that is posted on the HAM-PIC page does not work with the PIC-EL board. In the PIC-EL, I had to hook up the LCD in a different way, to avoid interaction with other functions.

George will post my new signal generator code (hex file as well as source) called PICELgen on the AmQRP web site. The latest PICELgen version is v1.2 .

If anyone has questions regarding the PICELgen code, I would be glad to answer them.

-Craig, AA0ZZ

Date: Fri, 30 Jan 2004 01:02:56 -0500
From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166600] Re: PIC-EL
Message-ID: <032501c3e6f6\$b586f5d0\$65dc0a0a@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nothing here in Michigan : [
Oh well, tomorrow is another day.
73/72 - Kevin, W8VOS

----- Original Message -----

From: "Jim Sheldon" <w0eb@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 29, 2004 11:09 AM
Subject: PIC-EL

> "Pickle" board has arrived in the "Heartland". Mailman just delivered my
> PIC-EL board, so its "BUILDING TIME" again.
>
> 72,
> Jim, W0EB
> Wichita, KS
>
>

Date: Fri, 30 Jan 2004 00:23:00 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: qrp-1@lehigh.edu
Subject: [166601] PIC-EL
Message-ID: <BAY3-F181q4gtopWd7K000915a6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Got my kit today in St. Paul, MN and put it together this evening. Will
check it out in AM when I am more awake. I had heard that a CD with
software was coming with the kit but guess I'll have to dig up some on my
own.
Looks like a fun kit.
72 Mert W0UFO

w0ufo@arrl.net

Check out the new MSN 9 Dial-up fast & reliable Internet access with prime
features! <http://join.msn.com/?pgmarket=en-us&page=dialup/home&ST=1>

Date: Thu, 29 Jan 2004 23:11:28 -0800
From: "richqrp" <richqrp@cox.net>
To: <n2apb@clearviewcatv.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166602] PIC-EL online manual & software
Message-ID: <000f01c3e700\$478bdaf0\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well it took me a little longer than two hours to do mine... reading the resistors was impossible, I also had to use my meter.. I finished and then I knew I had to test it... plugged it in and no smoke.... so far so good... then plug in the chip and reapplied power and just sat back and watched and listened to the show... all tests ok.... the only question I have, my daughter card and on the DDS test it sent the signal to my receiver just fine.. but my question is, the daughter card was on the warm side, is this normal ?? Thank you very much for the wonderful instructions on the web site, everything went together without any problems.. when I was done, I did not even have any "left over parts" so I knew I was on the right track.. again to all that had anything to do with this kit / project, thank you for a job very well done!! but still would like an answer about the daughter card being warm..

73's, Rich.....WD6FDD with a working Pickel.....

----- Original Message -----

From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 29, 2004 5:11 PM
Subject: PIC-EL online manual & software

> It's great to hear that the PIC-EL Kits are making their
> way to people, and that even some are already fully
> assembled and working! WOEB is a tiger when it comes
> to this - good going Jim!
>
> More good news is that the online Assembly & Test manual
> is available now, linked from the PIC-EL web page, and
> directly at
> www.amqrp.org/elmer160/board/manual/manual.html.
> I have some more to finish up, but Pickle builders will
> find these colorful manual sections of immense value
> when building and testing the kits.
>

> For those who make it as far and as fast as W0EB, we also
> have "LESSON 10" posted now for use in installing the FPP
> programming software on your PC. This software, when
> used with the PIC-EL board, will allow you to program new
> software into the onboard PIC.
>
> And to answer Jim's question, we've posted the "VFO Software"
> on the project pages. This is the code that designer Craig
> Johnson, AA0ZZ initially created in the form of "siggen3a"
> and recently modified it for use on the PIC-EL board. Using
> this software you will be able to have the PIC-EL board
> perform as a multi-featured VFO when the NJQRP DDS
> Daughtercard is plugged in.
>
> Thanks to everyone's support in the PIC-EL project. Your
> encouraging comments along the way helped keep us going
> when the project was most burdensome, and now that it's
> finished and working really well we feel that everyone
> will be able to use it effectively in the Elmer 160 course
> and have fun along the way.
>
> The bad new right now is that we've sold all 500 of the
> available kits and we are not going to do another run
> until this sprintime. So if you haven;t already ordered
> a PIC-EL board, you'll have to wait a couple months for us
> to catch our breath and work up another kit run. (The next
> one will be pretty big, as the project article will (hopefully)
> be accepted by the QST editorial staff for publication later
> this year :-)
>
> 73 from the AmQRP PIC-EL Development Team!
> ~ George N2APB
> ~ Craig AA0ZZ
> ~ John WB8RCR
> ~ Joe N2CX
> ~ Tom W8K0X and Nancy NJ8B
>

Date: Fri, 30 Jan 2004 06:37:42 -0500
From: Frank Brickley <brickley@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166603] Re: wire length ironed out...
Message-ID: <401A4206.9050101@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed

Content-transfer-encoding: 7BIT

PHILIP DECAIRE wrote:

> That 86.9 feet sounds a lot like the magic 88 foot number
> (or 44 feet for just the higher bands) that has been quoted
> many times on this site!

Also sounds mighty close to the legendary W3EDP length, not counting the 17' counterpoise...

73

Frank

AB2KT

Date: Fri, 30 Jan 2004 06:24:47 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Cc: <jeffimel@hotmail.com>, "Trevor" <kg6cyn@softhome.net>
Subject: [166604] Beacons *5* on 80 -- IN, TX, AZ, CA & HI
Message-ID: <3.0.2.32.20040130062447.00870100@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Folks,

Adding Trevor, KG6CYN in CA to the beacon crew.

80 meter beacons Saturday night local, Sunday morning UTC.

3728 for Dean, KH6B, in HI
3729 for Jeff, KB9ZUR, in IN
3730 for Chuck, W5USJ, in TX
3731 for Bill, WV7G, in AZ
3732 for Trev, KG6CYN, in CA

W5USJ/B operating from 0200 to 0500 UTC Sun Feb 1, equipment -- FT-857 at 4 Watts, Butternut vertical and K-10 keyer.

Follow up messages will be posted by the other beacon ops with their specifics as to operating time and equipment.

To help us with creating the logs and for Bill to map the results on his website, please use the following report format.

First Report --

Time: (UTC)
Name: (first only)
Call: (for log)
R/S: (readability & strength)
Grid: (e.g., EM22cv)
City, State

Soap Box: (comments about equipment and conditions)

Subsequent reports only needs time and R/S.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Fri, 30 Jan 2004 07:26:11 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "richqrp" <richqrp@cox.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166605] Re: PIC-EL online manual & software
Message-ID: <001501c3e72c\$3f7f7200\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good going on getting your Pickle Board working Rich! Seems like you're the second guy to do so, outside the design team.

The DDS Daughtercard will naturally get a little warm, but if you don't have the right bias resistor R4 and drive resistor R1 for the supply voltage you are using, there's a good chance you can be over-driving the MAR-1A amplifier on the daughtercard which makes the amp hot enough to fry an egg.

Having to pay attention to this factor is one of the prices of having a flexible design like this. Check out the DDS Daughtercard web page (www.njqrp.org/dds) and note the chart by the schematic that specifies what value R4 should be used to bias the amp based on your supply voltage. That will cure your heat problem and give you a nice clean waveform out of the daughtercard.

73, George N2APB

Date: Fri, 30 Jan 2004 07:29:02 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <w0eb@cox.net>
Subject: [166606] Re: PIC-EL Board (more data)
Message-ID: <003201c3e72c\$a52b6e10\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Of course, if you are absolutely chomping at the bit, the PIC-EL test program which is already posted contains code to operate the DDS Daughtercard, the display, and the encoder, so an ambitious type could simply glue them together differently than they are in T-PICEL.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Craig Johnson" <cbjohns@cbjohns.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 30, 2004 12:49 AM
Subject: Re: PIC-EL Board (more data)

> Jim,
>
> Unfortunately, my old version of the signal generator, SIGGEN3a that is posted on
> the HAM-PIC page does not work with the PIC-EL board. In the PIC-EL, I had
> to hook up the LCD in a different way, to avoid interaction with other functions.
>
> George will post my new signal generator code (hex file as well as source) called
> PICELgen on the AmQRP web site. The latest PICELgen version is v1.2 .
>
> If anyone has questions regarding the PICELgen code, I would be glad to answer
> them.
>
> -Craig, AA0ZZ

>

Date: Fri, 30 Jan 2004 07:39:53 -0500
From: "Paul Cavanaugh" <paulcavanaugh@cox.net>
To: <n1bq_list@wulfden.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166607] Re: PIC-EL
Message-ID: <002701c3e72e\$28bfdbc0\$dec0e044@dadscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Recieved mine in RI 1/29..... and for a change nothing to do this weekend,
except the SuperBowl. Go Pats

----- Original Message -----

From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 29, 2004 10:52 PM
Subject: Re: PIC-EL

> NW Vermont, mine arrived today
>
> On 1/29/04 5:46 PM, "Richard Mulvey" <rich@mulveyfamily.com> wrote:
>
> > On Thu, 2004-01-29 at 16:57, Tom wrote:
> >> I'm still waiting on mine to show up here in Fredericksburg, Va
> >> arrrrrrrgggghhhhh
> >>
> >
> > I'm in Upstate NY, and still waiting. I hope the postman didn't steal
> > it. ;-)
> >
> >
> >
> >
> >
>
>

Date: Fri, 30 Jan 2004 07:47:04 -0500
From: Joseph Mikuckis <k3chp@rcn.com>
To: QRP-L Mailing List <qrp-l@lehigh.edu>
Subject: [166608] Re QRP ARCI web site
Message-ID: <401A5248.E3E2C44@rcn.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All I get is eBay logo and then the loading stops.

Joe, K3CHP
Frederica, DE

Date: Fri, 30 Jan 2004 07:09:14 -0500 (EST)
From: <ah7i@atl.org>
To: Chris Trask <chrisrask@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166609] Re: Concerning This Latest Virus
Message-ID: <Pine.LNX.4.33.0401300708070.1717-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 29 Jan 2004, Chris Trask wrote:

> Microsoft is offering a \$250,000 reward for the caprute of the MyDoom.B
> virus culprit:
>
> <http://www.cbsnews.com/stories/2004/01/27/tech/main596296.shtml>
>
> I guess Bill Gates will have to forgo lunch for one day to pay for it.
>

dig a bit at this site and you'll see SCO is offering a reward as well
<http://www.linuxstolescocode.com/>
-bob

Date: Fri, 30 Jan 2004 05:55:35 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166610] Re: Re QRP ARCI web site

Message-ID: <20040130135535.97997.qmail@web60510.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There is a mistake in the Page Coding. Thats why you are only seeing the ebay logo. The page is still there.

Bob

KB2FEL/8

--- Joseph Mikuckis <k3chp@rcn.com> wrote:
> All I get is eBay logo and then the loading stops.
>
> Joe, K3CHP
> Frederica, DE
>
>

Do you Yahoo!?

Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Fri, 30 Jan 2004 09:06:14 -0500
From: Lee Mairs <lmairs@direcway.com>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [166611] Re: PIC-EL
Message-ID: <005e01c3e73a\$3b64ff60\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

The ponies must be having trouble getting through the WBGV wind and snow
{:>{}

Lee, km4yy/8

----- Original Message -----

From: "Merton Nellis" <mertnellis@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, January 30, 2004 1:23 AM
Subject: PIC-EL

> Got my kit today in St. Paul, MN and put it together this evening. Will

> check it out in AM when I am more awake. I had heard that a CD with
> software was coming with the kit but guess I'll have to dig up some on my
> own.
> Looks like a fun kit.
> 72 Mert W0UFO
>
>
>
> w0ufo@arrl.net
>
> -----
> Check out the new MSN 9 Dial-up fast & reliable Internet access with
prime
> features! <http://join.msn.com/?pgmarket=en-us&page=dialup/home&ST=1>
>
>

Date: Fri, 30 Jan 2004 09:19:51 +0000
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [166612] Elmer 160 Lesson 10 >FPP Setup<
Message-ID: <20040130.092007.-269895.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

RE the FPP Application Setup . . .

Others may have this problem too...

If you can not find that >giveio.sys< file
after you unzip >directectio< from >zemanszoo.com<
then,
you will need the UNhide option ...

... click folder >view< then >folder options<

John
N3AAZ

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 30 Jan 2004 07:29:26 -0700
From: "Bill Walker" <wv7g@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166613] 5 Beacons on 80 (AZ)
Message-ID: <002401c3e73d\$76cf8a40\$0a0110ac@pluto>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone,

For your beacon listening pleasure this Saturday evening, I will be using my FT-857 running 4-5 watts into a Butternut HF2V from sunny Tucson Arizona. The beacon will be running from 0200 to 0500 UTC. Thats 7 p.m. to 10 p.m. MST for anyone who may be Zulu challenged. 8-)

Enjoy! es 72...

Bill Walker - WV7G

Date: Fri, 30 Jan 2004 07:57:07 -0700
From: "Bob Hightower" <rhightower@cox.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [166614] Stinger Singer Frequency Counters
Message-ID: <000901c3e741\$55ad3110\$6501a8c0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks, all the Stinger Singer Frequency Counters are gone....there are no more. We may offer a partial kit (board, programmed chip) in the future, but plans have not been completed.

For the time being, orders will be returned as there are no more kits available.

Bob NK7M

Date: Fri, 30 Jan 2004 15:16:13 +0000
From: "Jeff Imel" <jeffimel@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [166615] RE: 5 Beacons on 80 (AZ)
Message-ID: <BAY9-F44Hbx4Rrnu2CC0006888d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

KB9ZUR/B will be operating a homebrew 80 meter transmitter with a power output of approximately 1.3 watts. The antenna system is an NVIS array consisting of an 80 meter dipole with a ground mounted wire reflector.

I will be operating from 0000 UTC until around 0600 UTC (7 PM Saturday to 1 AM Sunday EST).

73

Jeff
KB9ZUR

Check out the coupons and bargains on MSN Offers!
<http://shopping.msn.com/softcontent/softcontent.aspx?scmId=1418>

Date: Fri, 30 Jan 2004 15:25:08 -0000
From: "Dick" <dick@pascoes.plus.com>
To: <qrp-1@Lehigh.EDU>
Subject: [166616] ARCI Web Pages
Message-ID: <008901c3e745\$3ff9c8c0\$6a329fd4@main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

For those who have made adverse comments about the QRP-ARCI web pages may I respectfully suggest that you email the webmaster if you come across a problem and tell him about it rather than shout / complain about it on this public list. Please do remember that the webmaster (like all of us) are volunteers and do it for fun!

He (we) will be very glad of your feedback and all positive comments.

Dick Pascoe G0BPS

President QRP-ARCI. (QRP-Amateur Radio Club International - www.qrparci.org)

Fishing is the closest thing to doing nothing at all, without getting into politics.

All mail from me is checked by Norton before posting and is (hopefully) Virus Free.

Date: Fri, 30 Jan 2004 10:39:04 -0500
From: w2bvh <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [166617] Feb ssb NA Sprint
Message-ID: <401A7A98.1040008@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I was interested to learn that the qrp power level for the ssb sprint (Feb 8) is 5W pep. I would have thought that it would be 10 w. pep.

73,
Lenny W2BVH

Date: Fri, 30 Jan 2004 08:44:54 -0700
From: "Bob Hightower" <rhightower@cox.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [166618] ScQRPions Paddle Info, new email address
Message-ID: <001901c3e748\$021f67a0\$6501a8c0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd like to remind everyone that I have a new email address, rhightower@cox.net. I check the old one nk7m@extremezone.com on an infrequent basis, so if you have sent mail to it, and have not received a reply, please resend to the new address. Just checked the old mailbox, and out of 486 messages (I told you I checked it infrequently!), only 6 were not

spam, and they were old.

To get information on the Brass Paddle Kit, there is now a link on my index page <http://www.extremezone.com/~nk7m> that will get you there.

Thanks,

Bob NK7M

Date: Fri, 30 Jan 2004 11:16:01 -0500
From: "NA4FM \(\Buck\)\" <na4fm-list@towncorp.net>
To: <geoiii@kkn.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [166619] RE: [qrp-l] low loss cable option
Message-ID: <000501c3e74c\$5e9a09f0\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I guess I am used to city-hams ;) hihi. I can definitely see 200+ feet getting to be a problem for qrp rigs. I usually think in terms of vertical distance with up to 100 feet to the base of the tower.

If you had poles up, would your losses be much less if you ran the ladderline across the yard above the ground rather than the hardline?

Just curious.

Everything being relative, it might be a good idea to define by example words like "Low", "High", "long", "short", "minimal", etc.

I have lost track of who the original poster of the question is. How long is this run you are talking about? That will better help us to define an answer.

Thanks
Buck

> -----Original Message-----
> From: George Fremin III [mailto:geoiii@kkn.net]
> Sent: Thursday, January 29, 2004 12:02 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: [qrp-l] low loss cable option

>
>
> On Wed, Jan 28, 2004 at 08:39:17PM -0600, Nick Kennedy wrote:
> > You don't say how long the line is, but assuming "typical" and the
> > monobander is HF (20 meters?), your loss will be minimal just by
> > running decent quality coax (hardline not required) all the way.
>
> I think it depends on how long the run you are talking about.
>
> A typical RG-213 has a loss of 1 dB per 130 ft. Then in just
> 400' you can get over 3 db of loss. I dont consider 400' to be
> all that long. Some of my towers are 300' from the shack.
> My solution is to put the higher frequency antennas close to the
> shack and thus keep the feedline loss down but even so I run 7/8"
> hardline to the base of each tower - I want to keep as much
> signal on TX and RX as I can.
>
> --
> George Fremin III - K5TR
> geoiiii@kkn.net
> <http://www.kkn.net/~k5tr>
>
>
>
>
>
>

Date: Fri, 30 Jan 2004 10:44:42 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <paul@prohomeinspector.net>
Subject: [166620] Re: Repair Service Needed
Message-ID: <001201c3e750\$5ca4a5c0\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Paul,
Clif at Avvid in Dallas does excellent work. Clif has worked on both
an Icom and Kenwood for me. He has an excellent reputation. Usual
disclaimer.

<http://www.avvid.com/>

<http://www.eham.net/reviews/detail/1142>

72/73,
Lew
N5ZE

Date: Fri, 30 Jan 2004 08:49:33 PST
From: gdrag@proedge.com
To: qrp-1@Lehigh.EDU
Subject: [166621] Interesting item on eBay web site item# 3069098211: ALINCO DX-70 TH HF + 6 Meter Transceiver
Message-ID: <200401301649.i0UGnU0c014564@mx43.sjc.ebay.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"

I saw this Alinco DX70TH for sale....it is new in the box and almost two hundred dollars less than thru most radio stores.

Title of item: ALINCO DX-70 TH HF + 6 Meter Transceiver
Seller: our_sales_03
Starts: Jan-23-04 10:45:00 PST
Ends: Jan-30-04 10:45:00 PST
Price: Starts at \$550.00

To bid on the item, go to: <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?RedirectEnter&partner=777701&loc=http%3A%2F%2Fcgi%2Eebay%2Ecom%2Fws%2F%2FeBayISAPI%2Edll%3FViewItem%26item%3D3069098211%26category%3D4674%26ssPageName%3DADME%3AB%3AEF%3AUS%3A1>

Item Description:

You are bidding on a new in the box Alinco DX-70TH Transceiver.

This Radio is New and in Original Box with accessories included and Retails for around \$1200.00. This is the model with 100 Watts on 6 meters. GUARANTEED TO BE NEW PHYSICALLY AND ELECTRONICALLY. Also see other auction with remote head kit for this unit as well. Thanks for viewing this auction you can see other equipment in my "view sellers other auctions" link on this auction page.

RADIO SPECIFICATIONS:

GENERAL SPECIFICATIONS:

Dimensions: (H, W, D) 7" x 2.25" x 9.02" or 178 mm x 58mm x 230mm

Weight: 5.95 lbs or 2.7 kg

Receiver Coverage: 150kHz - 30MHz and 50MHz - 54MHz

Transmit Coverage:

160m 1.800 - 1.9999MHz 80m 3.500 - 3.9999MHz 40m 7.000 - 7.2999MHz
30m 10.100 - 10.1499MHz 20m 14.000 - 14.3499MHz 17m 18.068 - 18.1679MHz
15m 21.000 - 21.4499MHz 12m 24.890 - 24.9899MHz 10m 28.000 - 29.6999MHz
6m 50.0000 - 53.9999MHz

Operating Modes: J3E (USB/LSB), A1 A (CW), A3E (AM), F3E (FM)

Operating Temperature Range: +14 to +140 F or -10 to +60 C

Frequency Stability: 10ppm

Antenna Impedance: 50 Ohms unbalanced

Power Requirement: 13.8 VDC 15%

Memory Channels: 100, each capable of split memories and operating mode

Current Drain @ 13.8VDC: TX: approx 25 amps, max, high power setting

RX: approx.8 amps squelched; approx 1 amp @ max audio

TRANSMITTER SPECIFICATIONS:

Output Power: (SSB, CW, FM) 1.8MHz-30MHz and 50MHz-54MHz: 100 Watts

(AM) 1.8MHz - 30MHz and 50MHz - 54MHz: 40 Watts balanced AM - Low Level

Modulation: FM- Variable reactance

Sideband Suppression: More than 50 dB (@ 1 KHz)

Spurious Emission: Less than -45 dB

(10 MHz) Less than -50 dB

(18 MHz - 30 MHz) Less than -60 dB

(50 MHz - 54 MHz) Carrier Suppression More than 40 dB

CTCSS Encoder: 38 tones, standard

RECEIVER SPECIFICATIONS:

Receiver System: Dual conversion super heterodyne

Sensitivity: SSB, CW (1.8 - 54MHz) better than 12 dBu (0.25uV) @ S/N 10 dB (0.5 - 1.8MHz) better than 0 dBp (1 uV) @ S/N 10 dB, AM (1.8 - 54MHz) better than +6 dBu (2uV) @ S/N1 0 dB,

FM (28 - 30MHz) better than -6 dBu (0.5 uV) @ 12 dB SINAD (50 - 54MHz) better than -10 dBu (0.3 uV) @ 12 dB SINAD

Selectivity: SSB, AM-Narrow: 2.4kHz/-6 dB, 4.5kHz /-60 dB SSB-Narrow, CW-Wide:

1.0kHz/-6 dB, 3.0kHz/-60 dB CW-Narrow: 500 Hz/-6 dB, 3.0kHz/ -60 dB AM-Wide,

FM: 9kHz/-6 dB, 20kHz/-50 dB

Intermediate Frequencies: 1 st IF: 72.75MHz 2nd IF: 455kHz

Spurious and Image Rejection Ratio: More than 70dB

Audio Output: More than 2 Watts @ 8 Ohms, 10% THD RIT/-TXIT Range 1.4kHz

Visit eBay, The World's Online Marketplace TM at <http://www.ebay.com>

Date: Fri, 30 Jan 2004 09:16:07 -0800
From: Steve Smith <sigcom@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [166622] WTD: Schematic WELZ SP-225
Message-ID: <20040130.091607.-330587.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm attempting to repair a Welz SP-225 SWR & Power Meter. Looking for schematic diagram. TNX

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

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Date: Fri, 30 Jan 2004 12:46:46 -0500
From: Lee Mairs <lmairs@direcway.com>
To: Lew Paceley <lew@paceley.com>, qrp1 <qrp-1@Lehigh.EDU>
Subject: [166623] Re: Repair Service Needed
Message-ID: <010601c3e759\$107cb620\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

He did a great job on my Icom 751A and wasn't afraid of the mods to the memory unit that I had made. I highly recommend Cliff also.

73 de Lee
km4yy

----- Original Message -----

From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, January 30, 2004 11:44 AM
Subject: Re: Repair Service Needed

> Hi Paul,
> Cliff at Avvid in Dallas does excellent work. Cliff has worked on both
> an Icom and Kenwood for me. He has an excellent reputation. Usual
> disclaimer.

From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [166625] Pic e1 It's Alive!
Message-ID: <Pine.LNX.4.33.0401301249320.10718-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I must have passed my vision test. It seems to do all as it should.
Now to look for that serial cable....

73,

Jim n2go

Date: Fri, 30 Jan 2004 12:53:53 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Reed, Dana, W1LC" <w1lc@arrl.org>
Subject: [166626] RE: ARRL Handbook
Message-ID: <721D3436A7C2B344A301FD4A413C71A9025127E8@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Any and all suggestions on the Handbook, or any other ARRL pub, will be =
appreciated by the book editors. I know that the Handbook Editor, Dana =
Reed, is working on the next major revisions, so now is a great time to =
offer any input -- or offers of help!

Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

Member: IEEE C63 - Accredited Standards Committee on Electromagnetic =
Compatibility

Chairman: C63 SC-5, Immunity

Chairman: C63 ad hoc PLC/BPL Working Group

Member: SAE EMC/EMR committees

Member: ICES/IEEE SCC-28 International Committee on Electromagnetic =
Safety

Member/staff: ARRL, The National Association for Amateur Radio
Member/Board of Directors: QRP Amateur Radio Club International

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU=20
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> John Farnsworth
> Sent: Thursday, January 29, 2004 8:48 PM
> To: Low Power Amateur Radio Discussion
> Subject: ARRL Handbook
>=20
>=20
> Doug Faunt N6TQS wrote:
>=20
> "The values are in a table in the back of the ARRL Handbook, although
> you may not find them listed in the index (grump, grump)."
>=20
> Nice to hear someone else thinks this too. I love the=20
> handbook, have 9 of
> 'em starting in 1966, but man, is the index bad or what?
>=20
> I'd also complain about the organization, which seems to me to be
> counterintuitive, but if I did, I would have to offer a=20
> suggestion on how to
> improve it, and that sounds like work . . .
>=20
> Flame shields in place . . .
>=20
>=20
>=20
>=20

Date: Fri, 30 Jan 2004 10:13:58 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <n3aaz-qrp@juno.com>
Subject: [166627] Re: Elmer 160 Lesson 10 >FPP Setup<
Message-ID: <000201c3e75c\$abdbc4a0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good catch!

I always found that business of the operating system deciding what I want to see to be very annoying, so I turned off that bug some time ago. Someone else reported not having the sys file in the zip, and I bet that's what he was seeing, too. Sorry, I should have caught that.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "John R Kirby" <n3aaz-qrp@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 30, 2004 4:19 AM
Subject: Elmer 160 Lesson 10 >FPP Setup<

>
> RE the FPP Application Setup . . .
>
> Others may have this problem too...
>
> If you can not find that >giveio.sys< file
> after you unzip >directectio< from >zemanszoo.com<
> then,
> you will need the UNhide option ...
>
> ... click folder >view< then >folder options<
>
> John
> N3AAZ
>
>
> -----
> The best thing to hit the Internet in years - Juno SpeedBand!
> Surf the Web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
>

Date: Fri, 30 Jan 2004 10:39:17 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166628] Regens Live Forever
Message-ID: <000701c3e760\$5e8c1020\$1cc13542@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Friends,

For my fellow "retro" types, you may want to take a peek at my latest regen receiver. You can view it on my web page at the address in my signature line.

Be patient as it will take a bit of time to load with a dial-up connection. The pictures are fairly good sized.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Fri, 30 Jan 2004 10:42:53 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [166629] AmQRP DC RX to be shown at NorCal Meeting Sunday
Message-ID: <013501c3e760\$defe72c0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't forget guys, the newest AMQRP kit, the Tin Ear Receiver for Beginners will be shown at the NorCal meeting on Sunday. And, at the same time, George Heron will be putting pictures of the prototype on the amqrp web page at www.amqrp.org. The designer, Wayne McFee will be there and will have a working prototype with him. This little receiver is a neat little project, and gives good performance for what it is. IT is not a toy, and I have used mine all week to listen to 40 meters. It receives CW, AM and SSB, and covers all of the 40 meter band. The PTO VFO that Wayne uses is very stable. The new kit will contain a silkscreened, soldermasked, plated through board of the best quality, all board parts, all controls and connectors, and comes in a drilled BLT type case that is the same size and quality as the BLT. The receiver is direct conversion and will be an excellent kit for those who want to try their hand at building a project. Wayne will be doing an extensive manual in the style of Jim Kortge, with step by step photos on CD rom. The receiver isn't a K2 quality receiver, but it does do a good job. And for \$25, everything is included to build it. All you will need are the proper tools, solder, and 5 minute epoxy. This will be our second kit in the Kits for Kids category, as we are aiming this kit at the beginner, no

matter what age they are. AmQRP has realized that there is a definite need for simple, inexpensive kits that are both fun to build and use. We think that the Tin Ear Rx will fit right into this niche. Please do not send any orders at this time, as we do not have those details worked out at this time. Keep your eye on the list for the ordering announcement.

72, Doug for the American QRP Club

Date: Fri, 30 Jan 2004 10:57:54 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166630] Re: Beacons *5* on 80 (CA)
Message-ID: <003501c3e762\$f82918c0\$38fea8c0@TREVORMAINPC>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I'll have a beacon on 80 at 3732 KHz this Saturday night local US Time (Sunday morning UTC time) from 6:00PM to at least 11:00PM Pacific Time (02:00 to at least 07:00 UTC). I'll be running the K2 at 5 watts into my 88' EDZ. Hope you have a chance to listen for us!

73's Trev - KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Fri, 30 Jan 2004 11:00:37 -0800 (PST)
From: Dennis Doran <wb8wtu@yahoo.com>
To: qrp-l@Lehigh.EDU, wb8wtu@yahoo.com
Subject: [166631] Re: Interesting item on eBay web site item# 3069098211: ALINCO DX-70 TH HF + 6 Meter Transceiver
Message-ID: <20040130190037.80122.qmail@web40112.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

"Nowhere to run.....nowhere to hide."

73,

dennis
WB8WTU

Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Fri, 30 Jan 2004 14:05:58 -0500 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<kd7s@psnw.com>
Subject: [166632] Re: Regens Live Forever
Message-ID: <401AAB16.000001.01284@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bill,
Nice web page and gret picture, Your Regen looks great how about a matching
xmitter to go with it?
73 Dave kc1di

-----Original Message-----

From: Bill Jones
Date: 01/30/04 13:51:00
To: Low Power Amateur Radio Discussion
Subject: Regens Live Forever

Friends,

For my fellow "retro" types, you may want to take a peek at my latest regen
receiver. You can view it on my web page at the address in my signature
line.

Be patient as it will take a bit of time to load with a dial-up connection.
The pictures are fairly good sized.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Fri, 30 Jan 2004 19:14:58 +0000
From: w8kc@comcast.net
To: rhightower@cox.net
Cc: "Bob Hightower" <rhightower@cox.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166633] Re: ScQRPions Paddle Info, new email address
Message-ID: <013020041914.21432.12cd@comcast.net>

Do they put names on the list when the paddles are shipped or when orders come in?

I only ask because my PayPal was "cashed" over two weeks ago and my name has not been added to the list.

Maybe I'll get to be lucky # 500!

73 =paul= W8KC
> I'd like to remind everyone that I have a new email address,
> rhightower@cox.net. I check the old one nk7m@extremezone.com on an
> infrequent basis, so if you have sent mail to it, and have not received a
> reply, please resend to the new address. Just checked the old mailbox, and
> out of 486 messages (I told you I checked it infrequently!), only 6 were not
> spam, and they were old.
>
> To get information on the Brass Paddle Kit, there is now a link on my index
> page <http://www.extremezone.com/~nk7m> that will get you there.
>
> Thanks,
>
> Bob NK7M
>
>

Date: Fri, 30 Jan 2004 14:36:02 -0500
From: John Sielke <jsielke@pobox.com>
To: dick@pascoes.plus.com, qrp-l@lehigh.edu
Subject: [166634] Re: ARCI Web Pages
Message-ID: <401AB222.1030404@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Hi Gang,
>
> For those who have made adverse comments about the QRP-ARCI web pages
> may I respectfully suggest that you email the webmaster if you come across a
> problem
> and tell him about it rather than shout / complain about it on this public
> list. Please do
> remember that the webmaster (like all of us) are volunteers and do it for
> fun!
>
> He (we) will be very glad of your feedback and all positive comments.
>

Whoa! I just looked through the thread, and it merely appeared that someone asked a question, trying to determine if the problem was theirs, or the web pages. Other folks tried to help. I don't see "adverse comments," not do I see ANYONE "shouting and complaining."Hi Gang,

For those who have made adverse comments about the QRP-ARCI web pages
may I respectfully suggest that you email the webmaster if you come across a
problem
and tell him about it rather than shout / complain about it on this public
list. Please do
remember that the webmaster (like all of us) are volunteers and do it for
fun!

He (we) will be very glad of your feedback and all positive comments.

As they say in the glorious State of california, "Chill out, Dick."

(Actually, it's "Chill out, Arnold," but you get the idea..)

John W2AGN

Date: Fri, 30 Jan 2004 14:36:01 -0500
From: Brian <brian@iquest.net>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166635] Re: Regens Live Forever
Message-ID: <1075491361.401ab221055c2@webmail.iquest.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Bill,

Everytime I visit your site, I enjoy it more. Your Regen rig looks fantastic.

Nice job!

73 de KB9BVN

Quoting Bill Jones <kd7s@psnw.com>:

> Friends,
>
> For my fellow "retro" types, you may want to take a peek at my latest regen
> receiver. You can view it on my web page at the address in my signature
> line.
>
> Be patient as it will take a bit of time to load with a dial-up connection.
> The pictures are fairly good sized.
> =====
> Bill Jones KD7S <><
> <http://www.psnw.com/~kd7s>
> Sanger, California
> =====
>
>

Date: Fri, 30 Jan 2004 12:23:37 -0800
From: "Donald Jacob" <djacob1@socal.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166636] 2 in one day!
Message-ID: <00ad01c3e76e\$f1d39520\$6501a8c0@socal.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW,

I received my PIC-EL kit and QRP Quarterly in today's mail! Was going to

clean the shack today but now I have better(!) things to do.

72

Don WB5EKU

DM04sg

IRLP Node 3830

Date: Fri, 30 Jan 2004 15:29:49 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: <gdrag@proedge.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166637] RE: Interesting item on eBay web site item# 3069098211: ALINCO
DX-70 TH HF + 6 Meter Transceiver
Message-ID: <AGEJJBFPLHMOECFDINOAEALENAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd give you \$250.00 for it.... it is a USED RADIO, it ain't gold.

K8YS

Date: Fri, 30 Jan 2004 15:53:56 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [166638] AmQRP "Elsie the Atlanticon Kit" to be unveiled at NJQRP Meeting
tomorrow
Message-ID: <007401c3e773\$308edc30\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A few days ago KI6DS defined another reason why we have a "Super" weekend coming upon us. (The "Tin Ear Receiver" is being unveiled at the NorCal meeting on Sunday.)

Well, another AmQRP design team has been working like crazy to complete something else we'll be unveiling this weekend, this time on the *east* coast at the NJQRP meeting tomorrow, making it a "double whammy" Super

weekend for QRPers from coast-to-coast ... "ELSIE the Atlanticon Kit".

ELSIE is the brain child of two of the top QRP designers we have in the field today - Joe Everhart N2CX and Steve Weber KD1JV. They've combined talents to produce a low-cost L-C Meter that will be used as the Atlanticon Kit this year at our annual QRP Forum being held in Baltimore on March 26-27. (Atlanticon is sponsored by the AmQRP and hosted by the NJQRP and its members.)

The heart of ELSIE is an ATmel microcontroller that reads the frequency of a tuned circuit formed with the inductor or capacitor being measured. The controller computes the values of the component-under-test and announces the readings in Morse via a miniature speaker. When the user presses the 'C' pushbutton, the capacitance is announced. When the 'L' pushbutton is pressed, the inductance value is announced.

Built "manhattan-style" and operated by a standard 9-volt battery, the ELSIE Kit has a bunch of neat options that are being outlined right now in the kit manual. We started with a circuit described in 73 Magazine from 1990 that used a Commodore-64 as the computing engine. But with our current technology and fascination for ingenious uses of microcontrollers, our ELSIE Meter is a flexible and easily-modified project that is differentiated from other component testers available today. Some hints about the expansion features to be described at Atlanticon ... RS232 serial port readout, single LED readout, multiple component measurement ranges, native frequency counting, semiconductor lead identification, and more.

Because ELSIE is microcontroller-based with totally open software source code, users will easily be able to make changes on their own or download new versions made available on the project website. Of course you know that the AmQRP website is the most actively-maintained, most content-rich and educational QRP website ... so, like it's predecessor projects (PIC-EL, NorCal Keyer, Micro908 Antenna Analyzer, K8IQY Precision VX0, and all others), the ELSIE project is destined to be a classic design that will be documented "to the hilt" and can be expanded and modified to suit the individual taste of QRPers and homebrewers all over the world.

In fact, we are having an ELSIE programming station available right there at Atlanticon to give all attendees the very latest feature rich software for their kits. Kits coming to you in the mail before Atlanticon will have the basic operational software, but we'll be able to "load you up" there at the show with the latest code that will be talked about in one of the presentations. We'll also have "options packages" available for additional documented capabilities.

Saturday evenings at the AmQRP-sponsored QRP weekends conducted across the country throughout the year typically offer some kind of fun-filled QRP or homebrewing adventure. In the past we had PSK31 Audio Warbling contests, a

Beeping Badge contest and even a Snap Transmitter Frequency Measuring Contest.

Our Saturday evening festivities this year features an L-C Measurement contest ... with a twist. Atlanticon-goers will have an opportunity to build up their ELSIE Meters in whatever way they desire so as to be judged in three categories: Beauty, Brains and Brawn. "Beauty" is of course how nice a job you can do with the construction. "Brains" is how accurate your meter reads out - we'll have a "standard measurement table" at which everyone's meter accuracy can be determined. "Brawn" is how many useful, flexible and ingenious options are implemented on your ELSIE Meter. Per usual, we have some real dandy prizes lined up for winners and runners-up in these categories. It'll be a beepin' blast!

All those who pre-register for Atlanticon will be getting the Elsie Kit in the mail during February with the hope/expectation that they will build it and bring it along for the great fun and building contest that we always have on Saturday night. ELSIE Kits will also be available at the door for those attendees that didn't pre-register. If you fall into this category, the kit is simple enough to build and you could get your ELSIE Meter built up before the festivities begin on Saturday night. But we really hope you do pre-register so you get a chance to put some personalization into your kit, because we anticipate us all having great fun at the Saturday evening festivities there at Atlanticon.

We hope to see you at Atlanticon this year with an operational ELSIE Meter in tow. You can read all about Atlanticon at www.njqrp.org/atlanticon, including the address for pre-registering and getting your ELSIE Kit.

72, George N2APB
for the AmQRP and NJQRP clubs

PS: Oh yes ... if you are not able to attend Atlanticon this year but still want to get an ELSIE Kit, just order it for the same \$10 price and don't worry about later making up a reason for not being able to attend ;-) You wouldn't believe how many guys from "very far away" intend on making it, only to have something else come up at the last minute. It's no problem! Just let us know if you want a kit or if you really are pre-registering for Atlanticon. Remember though, if you're just getting the kit before the Atlanticon weekend the software won't have all the bells & whistles ... but they will be available afterwards. So you can either wait, or play along with us beforehand and add on capabilities downstream - it's your choice!

Date: Fri, 30 Jan 2004 14:08:32 -0700

From: Jerry Haigwood <w5jh@swlink.net>
To: w8kc@comcast.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166639] Re: ScQRPions Paddle Info, new email address
Message-ID: <401AC7D0.3ADAFD89@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

w8kc@comcast.net wrote:

> Do they put names on the list when the paddles are shipped or when orders come in?
>
> I only ask because my PayPal was "cashed" over two weeks ago and my name has not been added to the list.
>
> Maybe I'll get to be lucky # 500!
>
> 73 =paul= W8KC

Paul,

I believe John, K5JS, replied to you on Tuesday of this week but I will reply again. When you see your name/call appear on the S/N list, that means your paddle has been shipped.

We are running a bit behind on batch 5. My wife had an operation on January 12 which delay batch 4 a bit. A week ago today I took my wife to the emergency room at one of the local hospitals. She is still there. She had a blocked small intestine and was in severe pain. On Monday, of this week, she was operated on to fix the obstruction. Two operations in 2 weeks. So far she has not recovered well enough to go home. She still can't eat anything (in fact she hasn't eat anything since a week ago Thursday!) but, she is hoping to try some clear liquids today. If you haven't had food in a while even clear liquids start to look good. :-)) I have been trying to work at my full time job and spend time with her early in the mornings and late in the afternoons/evenings insuring she gets the care she needs. That doesn't leave any spare time to build paddles.

I am hoping that I can cut brass tomorrow. I am not sure when Chuck Adams and John Nystedt can manufacture their parts of the paddle but they have always responded well in the past. I will be making the bases as soon as my wife comes home from the hospital - hopefully in a few days. It takes me about 3-4 days

of part time work to make 100 bases. John Stevens is in the process of kitting the hardware (screws, feet, spring, etc.). I would hope to ship the remaining paddles on order by about Feb 11 but I can't make any solid promises. In my book, my family comes first - before any hobby things. I appologize to those of you who are waiting for a paddle. I and the rest of the AZ gang will try to get them out just as soon as we can. There are no intentional delays.

Jerry W5JH

Date: Fri, 30 Jan 2004 13:10:14 -0800
From: "richqrp" <richqrp@cox.net>
To: <n2go@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166640] Re: Pic e1 It's Alive!
Message-ID: <007901c3e775\$748ec790\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim after putting mine together last night, I now NEED an eye exam..the more I stared, the more red, red, red could have been orange, orange, orange. they all started to look the same, good thing I have a good meter... at least I could see the one inch readout of my meter...

73, Rich

----- Original Message -----

From: <n2go@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 30, 2004 9:51 AM
Subject: Pic e1 It's Alive!

> Well I must have passed my vision test. It seems to do all as it should.
> Now to look for that serial cable....
>
> 73,
>
> Jim n2go
>

Date: Fri, 30 Jan 2004 14:56:25 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [166641] Learning the code
Message-ID: <Pine.LNX.4.44.0401301450520.5280-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here are two papers I have written for my code class this spring. I'm defragging my laptop windows 98 because the Koch version 5 software has been failing to work. But that takes several hours. This class will be taught using this software running at 1 word a minute with 2 characters first. Here is the first paper:

Code List

```
1  A=dit dah
2  B=dah dit dit dit
3  C=dah dit dah dit
4  D=dah dit dit
5  E=dit
6  F=dit dit dah dit
7  G=dah dit dit
8  H=dit dit dit dit
9  I=dit dit
10 J=dit dah dah dah
11 K=dah dit dah
12 L=dit dah dit dit
13 M=dah dah
14 N=dah dit
15 O=dah dah dah
16 P=dit dah dah dit
17 Q=dah dah dit dah
18 R=dit dah dit
19 S=dit dit dit
20 T=dah
21 U=dit dit dah
22 V=dit dit dit dah
23 W=dit dah dah
24 X=dah dit dit dah
25 Y=dah dit dah dah
26 Z=dah dah dah dit dit
```

Note: numbers and punctuation count
as two characters.

```
27 0=dah dah dah dah dah
28 1=dit dah dah dah dah
29 2=dit dit dah dah dah
30 3=dit dit dit dah dah
31 4=dit dit dit dit dah
32 5=dit dit dit dit dit
33 6=dah dit dit dit dit
34 7=dah dah dit dit dit
35 8=dah dah dah dit dit
36 9=dah dah dah dah dit

37 .=dit dah dit dah dit dah
38 ,=dah dah dit dit dah dah
39 /=dah dit dit dah dit
40 ?=dit dit dah dah dit dit
```

This is the main paper:

Learning to use the Morse Code

There are 3 phases in learning to send and receive using the Morse Code. The first phase is to learn the 40 characters. The second phase is to learn how to copy the characters quickly so you can do it at a rate of 5 words a minute. The third phase is learning to do it much faster which requires that you train yourself to convert a Morse code character heard by your ear to a written character on paper automatically.

Phase One:

After we learn to use the Koch5 software, each of us will set up the software to send 2 characters at 1 word per minute. This will be very easy. Then we will send 4 characters at 1 word per minute. This begins to get difficult. When you find that your able to copy 90% of the characters correct add another character.

When your at about 20 characters it is most difficult. Let me say here that your LEARNING. And learning is difficult for all but the few genius's among us.

When your using 40 characters at 1 word a minute and getting 90% of them right, your done with phase one.

Phase Two:

Now set your word per minute to 3. Be certain that you don't have my paper your using with A=dit dah on it in sight because now it's too fast to hear the sound, glance at the paper, and write it down. At this speed you must simply hear the Morse code, in your head convert it to an English character and write it down.

Practice until you can copy over 90% of the characters correct. Your done with phase two.

Phase Three:

At this point your able to copy 5 words per minute and you want to copy at faster speeds. This is done by learning. It is just like phase two. You simply set Koch to 7 words per minute and copy it until your getting 90% of the characters right. Then up the speed 2 words per minute until you reach the speed you desire.

Time:

How long is phase one? It depends on you and how long you study each day. If your committed and spend 30 quality minutes every day, you should be done in 7 days. If you don't study, or do so "off and on", you can spend 30 days! Phase two is faster. With study it will take 5-7 days. Your now ready to take the test.

If your done with phase two and have some free time, I suggest going to phase three and get as far as you can before the end of class.

If you have ideas to improve let me know.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 30 Jan 2004 16:44:13 -0500
From: "William D. Rugg, Jr." <Bill.Rugg@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [166642] Fw: Repair Service Needed
Message-ID: <004101c3e77a\$351b16e0\$6501a8c0@eatntn01.nj.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

paul,

i also have a TS440S that does the same thing. i originally thought that there might be a small battery somewhere inside that needed replacement. however, after looking at the operators manual, large reference manual, and the radio itself , i could find none.

wondering if there could be an adjustment somewhere that needs to be tweaked.

a working solution is to leave the radio turned on for about an hour or so and it seems to lock back up and it's not a problem till you turn it back off and back on again.

hope someone else might have a handle on this problem .

73's,
Bill K2RXQ

----- Original Message -----

From: "Paul J Mackanos, Jr." <paul@prohomeinspector.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 29, 2004 9:12 PM
Subject: Repair Service Needed

> I am in need of a repair service for my Kenwood TS440SAT. I know this is not
> a QRP rig, but it has been used very extensively on QRP. Anyway, the phase
> locked loop is unlocked, at least thats what they tell me. The display
shows
> only dots across the face, like this Anyone have a referral for
> getting it fixed ?
> 72 de Paul K2DB
>

Date: Fri, 30 Jan 2004 16:47:01 -0500
From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166643] [Elmer 160] PIC EL Dimensions
Message-ID: <069901c3e77a\$989fed30\$65dc0a0a@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Can someone who has received their board tell me the dimensions? I am going to cut some aluminum today to mount the board on, like breadboards you see from proto-board.

Thanks,

73/72 - Kevin, W8VOS

Date: Fri, 30 Jan 2004 15:07:45 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [166644] AZ ScQRPion Paddle Design Change
Message-ID: <401AD5B1.9FEB37D2@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

After some discussion with the paddle team, we have decided to make a design change to the AZ ScQRPion paddle. Starting at S/N 457, the paddle arms will no longer have a 4-40 tapped hole in the center of the spring retention hole. This hole was originally intended to allow for tensioning of the spring. However, the preferred method for tensioning is to use a longer or heavier spring. There really isn't any need for the hole. And besides, the arms look better without the hole. :-) If you are one of those 50 or so people waiting for a paddle and you really need the extra 4-40 hole, you can either drill it yourself or send one of the arms to me and I will drill and tap it and return it to you.

We thank you for your support.
Jerry W5JH

Date: Fri, 30 Jan 2004 16:18:31 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166645] Re: Learning the code
Message-ID: <2004130161831.476235@arthur>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

On Fri, 30 Jan 2004 14:56:25 -0700 (MST), Karl Larsen wrote:

>

> Here are two papers I have written for my code class this spring.

> If you have ideas to improve let me know.

I think you should have them go faster than 1 or 2 words per minute.

Tim, N9PUZ

Date: Fri, 30 Jan 2004 17:20:13 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <adverseyaw@twmi.rr.com>
Subject: [166646] Re: [Elmer 160] PIC EL Dimensions
Message-ID: <00be01c3e77f\$3b880a60\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think it says on the web page, but I'm pretty sure it's 4 x 4.8

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, January 30, 2004 4:47 PM
Subject: [Elmer 160] PIC EL Dimensions

> Gang,

> Can someone who has received their board tell me the dimensions? I am
going

> to cut some aluminum today to mount the board on, like breadboards you see
> from proto-board.

> Thanks,
> 73/72 - Kevin, W8VOS
>
>

Date: Fri, 30 Jan 2004 15:21:11 -0700
From: "Roy" <marion@montana.com>
To: <Bill.Rugg@comcast.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166647] Re: Repair Service Needed
Message-ID: <009501c3e77f\$61a32310\$a3836d42@roy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "William D. Rugg, Jr." <Bill.Rugg@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 30, 2004 2:44 PM
Subject: Fw: Repair Service Needed

> paul,
>
> i also have a TS440S that does the same thing. i originally thought that
> there might be a small battery somewhere inside that needed replacement.
> however, after looking at the operators manual, large reference manual,
> and
> the radio itself , i could find none.
>
> wondering if there could be an adjustment somewhere that needs to be
> tweaked.
>
> a working solution is to leave the radio turned on for about an hour or so
> and it seems to lock back up and it's not a problem till you turn it back
> off and back on again.
>
> hope someone else might have a handle on this problem .
>
> 73's,
> Bill K2RXQ
>

Its no tweak, Its spoiled glue. Humidity attacks the cement in the shielded PLL circuit.

Removal of the cement completely and replace of a few components is the fix.

Some get away with just removing the cement I'm told, but all of the many I have repaired needed the components that Kenwood says to replace, replaced.

Roy AB7CE

Date: Fri, 30 Jan 2004 16:35:47 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-1@lehigh.edu>
Subject: [166648] Re: [Elmer 160] PIC EL Dimensions
Message-ID: <022801c3e781\$684a8ee0\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kevin,>Can someone who has received their board tell me the dimensions? I am going
>to cut some aluminum today to mount the board on, like breadboards you see
>from proto-board.
>Thanks,
>73/72 - Kevin, W8VOS
The board is 4" by 4.75".-Craig, AA0ZZ

Date: Fri, 30 Jan 2004 14:30:18 -0800
From: Darrell Bellerive <ve7cla@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166649] Wanted: Knobs for RS DSP
Message-ID: <1075501818.4611.26.camel@jupiter.belletech.com>
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

I am looking for two knobs to fit on the filter and bandwidth selectors of a Radio Shack DSP Communication Noise Reduction System Model 21-543.

I got a great deal at Radio Shack on this demo model with two missing knobs. Why someone would steal the knobs, I just don't understand. Radio Shack no longer sells replacement knobs through their parts division.

The knobs need to fit on 1/4" diameter, 1/2" long, fully round split shafts. The shafts are recessed into the front panel, so no set screw type knobs will work. There is no way to access the set screw. They need to be slide on, press fit only.

The knobs can be a maximum of 17/32" in diameter, but 1/2" diameter would be perfect.

The recess is 1/2" deep, so the knob should be about 1" long, but the shaft contact area needs to be at the base of the knob, as the shafts are only 1/2" long.

Anyone one have some knobs that fit this description kicking around the junk box that they would be willing to sell? A matching set of two would be a bonus.

Darrell Bellerive
VE7CLA

Date: Fri, 30 Jan 2004 14:31:47 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'n9puz@arrl.net'" <n9puz@arrl.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166650] RE: Learning the code
Message-ID: <BF889CEBEFD2D511B993009027F60ABEC0C06A@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I'm sure there will be tons of comments on teaching morse. When I took morse in the Navy, there was nothing in writing. All the students stood up in class and would say " dit-dah Alpha, dah-dit-dit-dit Bravo " etc. We were not allowed to look at morse code written out. We were taught not to learn code by patterns, or counting. Needless to say, I kept my mouth shut that I was a ham, and boy did I have some fun at the instructor's expense!!

72

.mark

Date: Fri, 30 Jan 2004 15:52:53 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: "Tim, N9PUZ" <n9puz@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166651] Re: Learning the code
Message-ID: <Pine.LNX.4.44.0401301551500.5280-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 30 Jan 2004, Tim, N9PUZ wrote:

> On Fri, 30 Jan 2004 14:56:25 -0700 (MST), Karl Larsen wrote:
> >
> > Here are two papers I have written for my code class this spring.
>
> > If you have ideas to improve let me know.
>
> I think you should have them go faster than 1 or 2 words per minute.
>
> Tim, N9PUZ

Hi Tim, that was what I thought too. Last year we started at 5
wpm and no-one passed.

>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Fri, 30 Jan 2004 15:44:57 -0700
From: "Augie Hansen" <augie.hansen@comcast.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [166652] RE: Learning the code
Message-ID: <200401302244.i0UMiucb022514@rain.CC.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> 26 Z=dah dah dah dit dit

Nope. Too many Dahs.

Also, if you have them go that slow at the start, they will invariably "count dits" and they will not get over the hump that comes later at higher speeds. Students should hear the sound of a character as a unit and not as individual elements. Trust me on this -- I learned the wrong way and it has been an uphill battle to correct the error.

In addition, in a character it is best to show the 't' in a dit only at the end of a series of elements. Ex: B is dah-di-di-dit because that's the way it sounds. C is dah-di-dah-dit, and so on.

Good luck with your class.

73, Gus Hansen

Email: KB0YH@arrl.net

Duct tape is like the Force: It has a dark side and a light side, and it holds the universe together.

Date: Fri, 30 Jan 2004 18:02:13 -0500
From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
To: <adverseyaw@twmi.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166653] Re: [Elmer 160] PIC EL Dimensions
Message-ID: <06e301c3e785\$194e89f0\$65dc0a0a@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who responded.

It seems the board is 4" x ~4.75". I plan to mount it on a flat piece of aluminum (Painted black) that has rubber feet.

I still haven't received mine... Waiting patiently, almost.

73/72 - Kevin, W8VOS

----- Original Message -----

From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 30, 2004 4:47 PM
Subject: [Elmer 160] PIC EL Dimensions

> Gang,
> Can someone who has received their board tell me the dimensions? I am
going
> to cut some aluminum today to mount the board on, like breadboards you see
> from proto-board.
> Thanks,
> 73/72 - Kevin, W8VOS
>
>

Date: Fri, 30 Jan 2004 15:04:13 -0800
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166654] FS
Message-ID: <005901c3e785\$61460030\$09861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a 1945 Vibroplex original bug with bug tamer(to slow it down) in
excellent condition.
I would like \$125. plus S&H lower 48. Thanks, John KF7OM

Date: Fri, 30 Jan 2004 15:11:33 -0800
From: "richqrp" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166655] Re: [Elmer 160] FPP Help.....
Message-ID: <004701c3e786\$66d847f0\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hope some one can help.. I have my board all ready to go, and I can not get
the program to load.. actually the program is loaded, I am having trouble
with installing the driver I have downloaded both, directio.zip &
loaddrv.zip.. I have put both into the same directory as the FPP as the
example, Program Files\FPP.. I install the driver GIVEIO.SYS from the

LoadDrv. that says operation was successful.. but when I try and start it, (next step) an error comes up... " An Unexpected error occurred".. What am I doing wrong ??? running XP.

..Rich

Date: Fri, 30 Jan 2004 15:14:56 -0800 (PST)
From: rocket scientist <rock_sci@yahoo.com>
To: Bill.Rugg@comcast.net, qrp-1@Lehigh.EDU
Subject: [166656] Re: Fw: Repair Service Needed
Message-ID: <20040130231456.49094.qmail@web11301.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Take a look at the kenwood service bulletins for the TS440. This is a common problem that is due to the glue used on the components of several VCO's. You can easily perform the repair your self following the instructions in the bulletin. Alternatively, any reputable Kenwood repair service such as AVID knows about this problem.

--- "William D. Rugg, Jr." <Bill.Rugg@comcast.net>
wrote:
> paul,
>
> i also have a TS440S that does the same thing. i
> originally thought that
> there might be a small battery somewhere inside that
> needed replacement.
> however, after looking at the operators manual,
> large reference manual, and
> the radio itself , i could find none.
>
> wondering if there could be an adjustment somewhere
> that needs to be
> tweaked.
>
> a working solution is to leave the radio turned on
> for about an hour or so
> and it seems to locks back up and it's not a problem
> till you turn it back
> off and back on again.

>
> hope someone else might have a handle on this
> problem .
>
> 73's,
> Bill K2RXQ
>
> ----- Original Message -----
> From: "Paul J Mackanos, Jr."
> <paul@prohomeinspector.net>
> To: "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Thursday, January 29, 2004 9:12 PM
> Subject: Repair Service Needed
>
>
> > I am in need of a repair service for my Kenwood
> TS440SAT. I know this is
> not
> > a QRP rig, but it has been used very extensively
> on QRP. Anyway, the phase
> > locked loop is unlocked, at least thats what they
> tell me. The display
> shows
> > only dots across the face, like this
> Anyone have a referral for
> > getting it fixed ?
> > 72 de Paul K2DB
> >
>

Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Fri, 30 Jan 2004 18:24:24 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <ve7cla@shaw.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166657] Re: Wanted: Knobs for RS DSP
Message-ID: <013201c3e788\$32b1fdc0\$d23eca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

That reminds me of the older tv sets, so you might try some of the tv shops in your area. just a thought .!!

carl / kz5ca

----- Original Message -----

From: "Darrell Bellerive" <ve7cla@shaw.ca>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, January 30, 2004 5:30 PM

Subject: Wanted: Knobs for RS DSP

> I am looking for two knobs to fit on the filter and bandwidth selectors
> of a Radio Shack DSP Communication Noise Reduction System Model 21-543.
>
> I got a great deal at Radio Shack on this demo model with two missing
> knobs. Why someone would steal the knobs, I just don't understand. Radio
> Shack no longer sells replacement knobs through their parts division.
>
> The knobs need to fit on 1/4" diameter, 1/2" long, fully round split
> shafts. The shafts are recessed into the front panel, so no set screw
> type knobs will work. There is no way to access the set screw. They need
> to be slide on, press fit only.
>
> The knobs can be a maximum of 17/32" in diameter, but 1/2" diameter
> would be perfect.
>
> The recess is 1/2" deep, so the knob should be about 1" long, but the
> shaft contact area needs to be at the base of the knob, as the shafts
> are only 1/2" long.
>
> Anyone one have some knobs that fit this description kicking around the
> junk box that they would be willing to sell? A matching set of two would
> be a bonus.
>
> Darrell Bellerive
> VE7CLA
>

Date: Fri, 30 Jan 2004 18:26:59 -0500

From: "George Heron N2APB" <n2apb@clearviewcatv.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [166658] Re: [Elmer 160] PIC EL Dimensions

Message-ID: <01a401c3e788\$92550600\$6400a8c0@n2apb1>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The other guys stated the dimensions Kevin. But some info I can add is that the PIC-EL board was specifically layed out to fit perfectly in a plastic enclosure from Mouser (p/n 616-63049-510-039, www.mouser.com), or PacTec (p/n CM5-125 www.pactecenclosures.com/Plastic-Enclosures/CM5-125.html). At either of those sites you can download a PDF diagram that gives precise dimensions for those who wish to "roll their own".

73, George N2APB

Date: Fri, 30 Jan 2004 17:32:35 -0600
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [166659] Travel Antenna for Hand Held Receivers
Message-ID: <011001c3e789\$78add5a0\$83d0a418@jam.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Another list discussion of how to maximize the usability of a Kenwood THF6A hand held as a short wave receiver, coupled with the recent discussion of the new AMQRP receiver kit set me to thinking.

After connecting a few feet of small wire to my THF6A via the center pin of an SMA to S0239 patch cord, I had an idea. Removing the wire from the center pin, I connected an MFJ antenna tuner to the patch cord, and put the wire on the wire terminal of the tuner. This combination enabled me to peak signals throughout the hf range. More importantly in some cases, it enabled me to reduce the strength of signals to a level which was more manageable by the THF6.

Would it be possible or practical to assemble a "receive only" antenna tuner into the ever-present Altoids box?

One could probably get by with only one tuning capacitor and a coil. If the coil were tapped in several places, an alligator clip could be used to change the inductor setting, thus eliminating the need for a switch.

All we're doing here, of course, is adjusting the circuit for maximum noise (or as mentioned above, less than maximum overload) on a given frequency.

Is this doable?

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Fri, 30 Jan 2004 17:47:01 -0600
From: "Joe Mann" <joemann@chicagonet.net>
To: "qrp-1" <qrp-1@Lehigh.edu>
Subject: [166660] RE: PIC-EL Board - ZIF
Message-ID: <003b01c3e78b\$5b802120\$9403bb42@joeii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim (or anyone else with info),

What size ZIF socket will fit on the PIC-EL board and is there a reasonable source for same?

Joe, K9HDE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> n2go@arrl.net
> Sent: Thursday, January 29, 2004 4:19 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: PIC-EL Board
>
>
> I agree about the daughter card 90 angle arrangement. Seems
> kinda cheesey.
> I have been looking for a 90 degree connector. I know I have one
> somewhere. Maybe on an old 5 1/4" hard drive or old pc board.....
> I would have paid extra :))
> Also I am going to put a ZIF connector on the board for the
> PIC. I know I will trash the pic chip leads after a couple times.
> Especially with that tin ic jack.
>
> 73,

>
> Jim n2go

Date: Fri, 30 Jan 2004 18:51:42 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [166661] PIC-EL -- More Assembly comments
Message-ID: <BC40583E.1E4D7%n1bq_list@wulfden.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Resistors --- even more grrrrrr-s than the testpoints !!!!!!!

You will likely be doing the resistors in batches of 5-10 then solder and clip. Make sure you do R7 and R8 at the same time, they have a junction an the pads are right together, soldering either one will likely flow the other hole, best have a resistor lead in each and save the trouble of cleaning it out!

Oh yes ... testpoints ... What are the two holes labeled "GND" along bottom edge of board. Is that another testpoint sans formal "TPx" label?

Cheers ... 73 de brian, n1bq

End of QRP-L Digest 3181

